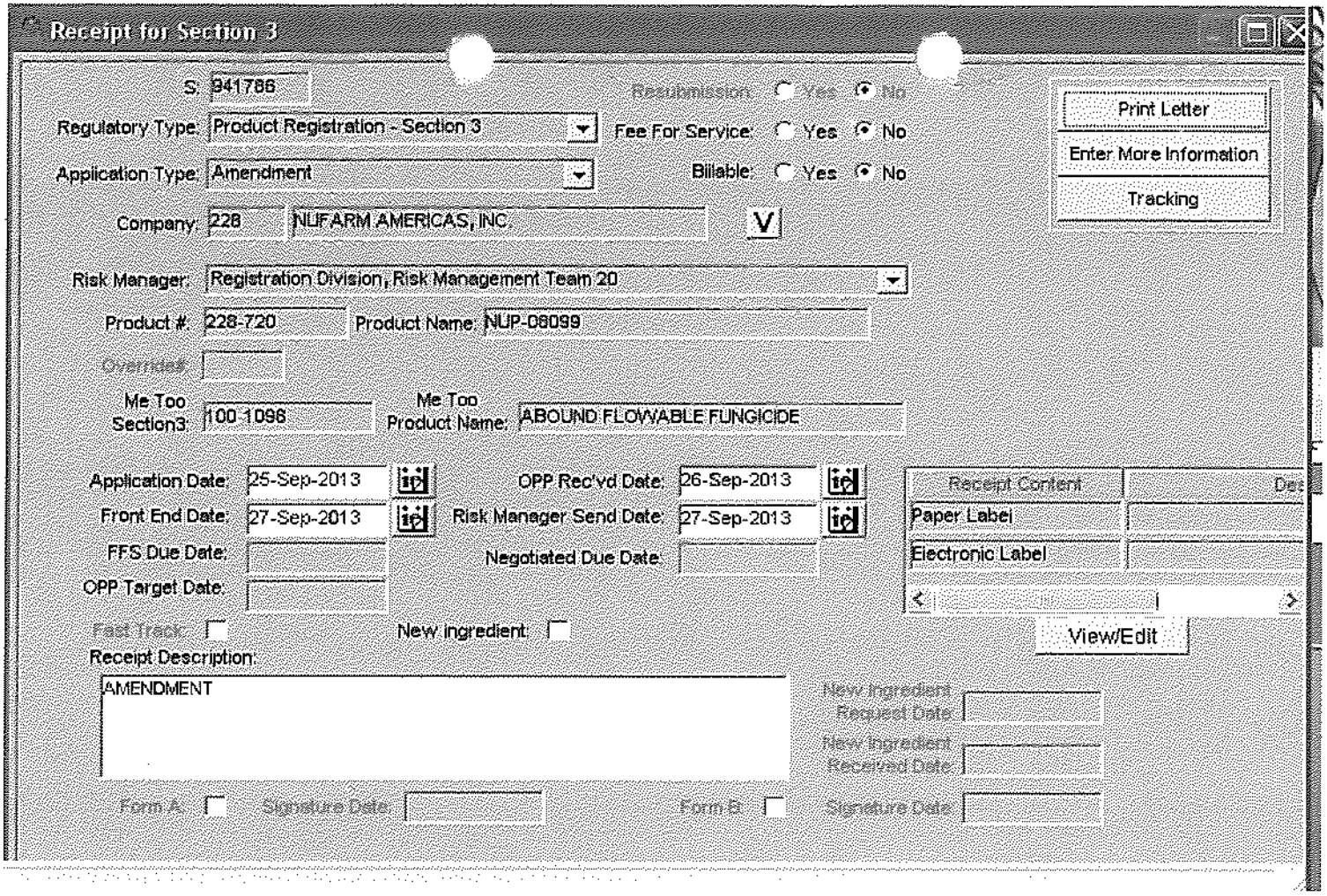
EPA Jacket 228-720
Vol.1


Receipt for Section 3
S: 941786
Resubmission: Yes No
Regulatory Type: Product Registration - Section 3
Fee For Service: Yes No
Application Type: Amendment
Billable: Yes No
Print Letter
Enter More Information
Tracking
Company: 228 NUFARM AMERICAS, INC
Risk Manager: Registration Division, Risk Management Team 20
Product #: 228-720
Product Name: NUP-08099
Override:
Me Too Section3: 100-1096
Me Too Product Name: ABOUND FLOWABLE FUNGICIDE
Application Date: 25-Sep-2013
OPP Rec'vd Date: 26-Sep-2013
Front End Date: 27-Sep-2013
Risk Manager Send Date: 27-Sep-2013
FFS Due Date:
Negotiated Due Date:
OPP Target Date:
Receipt Content
Paper Label
Electronic Label
Fast Track:
New Ingredient:
View/Edit
Receipt Description:
AMENDMENT
New Ingredient Request Date:
New Ingredient Received Date:
Form A:
Signature Date:
Form B:
Signature Date:

UNI. , STATES ENVIRONMENTAL PROTECT. N AGENCY
WASHINGTON, D.C. 20460

September 27, 2013

OFFICE OF CHEMICAL
SAFETY
AND POLLUTION
PREVENTION

NATHAN P. EHRESMAN
NUFARM AMERICAS, INC.
NUFARM AMERICAS, INC.
4020 AERIAL CENTER PKWY., STE. 101
MORRISVILLE, NC 27560-

PRODUCT NAME: NUP-08099
COMPANY NAME: NUFARM AMERICAS, INC.
OPP IDENTIFICATION NUMBER:
EPA FILE SYMBOL: 228-720
EPA RECEIPT DATE: 09/26/13

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Registration Division, Risk Management Team 20, at (703) 305-7990.

Sincerely,

Front End Processing Staff
Information Services Branch
Information Technology & Resources Management Division

Fee for Service {941786P~

This package includes the following

- ○ New Registration
- ◉ Amendment

for Division

- ○ AD
- ○ BPPD
- ◉ RD

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: ___

Risk Mgr. 20

Receipt No. S- 941786

EPA File Symbol/Reg. No. 228-720

Pin-Punch Date: 9/26/2013

☒ This item is NOT subject to FFS action.

Action Code:

Requested:

Granted:

Amount Due: $ _____

Parent/Child Decisions:

☐ Inert Cleared for Intended Use ☐ Uncleared Inert in Product

Reviewer: E. Fetterly Date: 9/27/13

Remarks:

EXPEDITE

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

EPA	United States Environmental Protection Agency Washington, DC 20460	☐ Registration ☒ Amendment ☐ Other:	OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
228-720	Shaja Joyner	☒ None ☐ Restricted
4. Company/Product (Name)	PM#	
NUP-08099	20	

5. Name and Address of Applicant *(Include ZIP Code)*

NUFARM AMERICAS INC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

☐ *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to:

EPA Reg. No.: 100-1098

Product Name: Abound® Flowable Fungicide

Section - II

☒ Amendment – Explain below.
☐ Resubmission in response to Agency letter dated _____
☐ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☒ "Me Too" Application
☐ Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

FAST TRACK LABEL Amendment – Add use on soybean, a crop already registered on an existing product label that is substantially similar in composition and use to the subject product.

CONTACT: Danielle Larochelle, Nufarm Americas Inc, 4020 Aerial Center Parkway, Suite 101, Morrisville, NC 27560. Tel: 919-379-2530. Email: danielle.larochelle@us.nufarm.com

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes* ☒ No	☐ Yes ☒ No	☐ Yes ☒ No	☐ Metal ☒ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____
***Certification must be submitted**	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt. / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☒ Label ☐ Container	1 Gallon; 2,5 Gallons; 30 Gallons	☒ On Label ☐ On labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☒ Other Crack and peel

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application)*

Name	Title	Telephone No. (Include Area Code)
Danielle A. Larochelle	Registration Manager	919-379-2530

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received **(Stamped)**

2. Signature	3. Title
Danielle A Larochelle	Registration Manager
4. Typed Name	4. Date
Danielle A. Larochelle	September 25, 2013

NUFARM AMERICAS INC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560
Phone: (919) 379-2510 ■ Fax: (919) 467-5923

September 25, 2013

Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: Ms. Shaja Joyner, PM (20)

Dear Ms. Joyner:

Subject: NUP-08099 – EPA Reg. No. 228-720
FAST TRACK / Me-Too Application - Add Use on Soybean

Please find enclosed a Me-Too application for an amendment adding the use on soybean to the label for Reg. No. 228-720. The proposed use is already registered on the current product label for EPA Reg. No. 100-1098, a product that is substantially similar in composition and labeling to Reg. No. 228-720. All changes are marked on one copy of the label included in this submission. The proposed changes are as follows:

(1) The crop "Soybean" was added to the existing use direction table for "Soybean, Immature Seed (Edamame)" on page 38 of the label. No other changes were made to the use directions.

(2) The crop "Soybean, Immature Seed (Edamame)" was added to the use directions for "Legume Vegetables, Dry and Succulent, and Legume Vegetables, Foliage of any Cultivar of Bean ... & Field Pea ..." on page 29 of the label. Soybean, Immature Seed (or Bean, Glycine max) is now listed in both use directions because the target diseases are not the same for both use direction tables. The proposed changes described in (1) and (2) are identical to the existing labeling language approved for Reg. No. 100-1098.

(3) The reference to the crop specific Application Directions for "Soybean, Immature Seed" that appears just above the table for Legume Vegetables and Foliage of Legume Vegetables on page 29 was amended to list both "Soybean" and "Soybean, Immature Seed".

(4) References to certain crop specific Application Directions were added to the use directions for Leafy Vegetables, Oilseed Crops (CG 20), and Root Vegetables and Leaves of Root and Tuber Vegetables.

(5) Minor editorial changes and correction of typographical errors (marked on one copy of the label). No other changes were made.

The following are provided in support of this action:

- Application for registration amendment, EPA Form 8570-1
- Formulator's exemption, Form 8570-27
- Certification with respect to label integrity
- Five (5) copies of the proposed label including one (1) copy with all changes marked

If you have any questions regarding this submission or if you need additional information, please contact me by phone at (919) 379-2530 or by email at danielle.larochelle@us.nufarm.com.

Sincerely,

Danielle A. Larochelle
Registration Manager

Enclosures

Product ingredient source information may be entitled to confidential treatment

Form approved. OMB NO. 2070-0060. Approval Expires 1-30-93

United States Environmental Protection Agency
Washington, D.C. 20460

EPA

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
Nufarm Americas Inc. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560	228-720
	Product Name NUP-08099
	Date of Confidential Statement of Formula (EPA Form 8570-4) **Basic CSF (dated 08-26-2013)**

As an authorized representative of the applicant for registration of the product identified above, I here certify that:

(1) This product contains the following active ingredient(s):

AZOXYSTROBIN

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging of another product which contains that active ingredient, which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA Form 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula *(CSF) (EPA Form 8570-4)* referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

	Source	
Active Ingredient	**Product Name**	**Registration Number**
Azoxystrobin	[redacted]	[redacted]

Signature	Name and Title	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	September 25, 2013

EPA Form 8570-27 (Rev. 7-91) White - EPA copy Yellow - Applicant copy

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	**Date Submitted to EPA**	**Electronic file name**
000228-00720	September 25, 2013	000228-00720.20130925.Amend_Add Soybean

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Signature

September 25, 2013
Date

Danielle A. Larochelle
Name (typed)

Registration Manager
Title

There is an **ELECTRONIC LABEL** for this action

You can use Acrobat to compare the e-label to the previous version (and find the changes). You can also use Acrobat to mark-up the e-label with your comments.

If e-label was submitted via

CD-ROM with paper application

then you will find e-label in

Electronic Label Library

If the e-label is not found in the ELL then it was probably not named correctly and could not be entered into the ELL. However, the file can be retrieved from the CD which is retained by the Front End.

or

If e-label was submitted via

XML E-Submission (no paper)

then you will find e-label in

Documentum

See overview of processing e-labels on other side of this sheet.
If you have any questions on e-labels, please contact one of your division e-label experts:

AD	Willie Abney	308-1689
	Renae Whitaker	308-7003
	Tracy Lantz	308-6415
BPPD		
RD	Tom Harris	308-9423

CHANGES MARKED

Group 11 Fungicide

NUP-08099

Broad spectrum fungicide for the control of plant diseases
For Control of Certain Post Harvest Diseases in Banana and Citrus

ACTIVE INGREDIENT	
Azoxystrobin (methyl (E)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]-phenyl}-3-methoxyacrylate	22.9%
OTHER INGREDIENTS	77.1%
TOTAL	100.0%

Contains 2.08 pounds of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION / PRECAUTIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE LABEL BOOKLET FOR FIRST AID AND PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-720

EPA Est. No. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.
11901 S. AUSTIN AVENUE
ALSIP, IL 60803

NET CONTENTS: _____ (Gal.) (_____ liters)

[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

FIRST AID	
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (877) 325-1840 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCTIÓN

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Notify State and/or Federal authorities and Nufarm immediately if you observe any adverse environmental effects due to use of this product.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, MillCreek, Fairview, Girard, and Springfield.

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

PRODUCT INFORMATION

This product is a suspension concentrate (SC) or flowable formulation. It is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. This product may also improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to factors such as the crop, crop hybrid, or environment. This product may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. Make all applications according to the use directions on this label.

USE PRECAUTIONS AND LIMITATIONS

Do not use this product in greenhouses.

Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

ATTENTION

This product is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). Refer to SPRAY DRIFT MANAGEMENT information below.

DO NOT spray this product where spray drift may reach apple trees.

DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather related factors determine the potential for spray drift.

DO NOT spray when conditions favor drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension agent for spray drift prevention guidelines in your area.

DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

ROTATIONAL CROP RESTRICTIONS

The following crops may be planted at the specified interval following application of this product.

Crop	Plantback Interval
Buckwheat Millet	12 months
All other crops with Azoxystrobin registered uses	0 days

INTEGRATED PEST MANAGEMENT (IPM)

To reduce the potential for development of resistance, integrate this product into an overall disease and pest management strategy whenever the use of a fungicide is required. Follow cultural practices known to reduce disease development such as selection of disease-tolerant varieties, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult with your State Agricultural Experiment Station or Extension Service specialist for additional IPM strategies established for your area. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

Crop Tolerance: Plant tolerance has been found to be acceptable for all crops on the label. However, not all possible tank mixture combinations have been tested under all conditions. It is recommended to test tank mixture combinations on a small portion of the crop to assess plant response before large scale applications. See the USE PRECAUTIONS AND LIMITATIONS section for apple phytotoxicity information.

RESISTANCE MANAGEMENT

This product is a Group 11 fungicide. The mode of action for azoxystrobin, the active ingredient in this product, is the inhibition of the Qol (quinone outside) site within the electron transport system as well as disruption of membrane synthesis by blocking demethylation [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use this product in accordance with resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Nufarm Americas Inc. encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label with Group 11 (Qol) fungicides.

Follow the crop specific resistance management recommendations provided in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo Qol fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended Qol fungicide sprays in mixture (tank-mix or formulated)	1	2	2	2	2	3	3	4	4	5	5	6

Under conditions requiring multiple fungicide applications, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, alternating with two or more applications of a fungicide that is not in Group 11 will help reduce the potential for resistance development. If more than 12 applications are made, observe the following guidelines:

- When a QoI fungicide is used as a solo product, make no more than 1/3 (33%) of the total number of fungicide applications per season with the QoI containing product.
- For programs including tank mixes or premixes of a QoI fungicide with mixing partners of a different mode of action, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs including applications of QoI fungicides as both solo products and mixtures, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

SOILBORNE/SEEDLING DISEASE CONTROL

For crops that have specific use directions for soilborne disease control:

This product can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the regional cultural practices. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

Banded application

Apply this product prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants. Limit band width to 7 inches or less. Apply this product at a rate of 0.40-0.80 fl oz product (0.10-0.20 oz. a.i.) per 1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl oz per 1000 row feet. These applications come into contact with the foliage and are counted as foliar applications when considering resistance management. They may be applied during cultivation or hilling operations to provide soil incorporation.

In-furrow application

Apply this product as an in-furrow spray in 3-15 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered. Use the higher rate allowed when weather conditions are expected to favor disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

In-Furrow Application Rates

Rate per 1,000 Row Feet		Amount of Product per Acre (fl oz)						
fl oz product	oz a.i.	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft/A 32" = 16,315 row ft/A 36" = 14,520 row ft/A 40" = 13,068 row ft/A

30" = 17,424 row ft/A 34" = 15,374 row ft/A 38" = 13,754 row ft/A

Drip
Refer to the **Instructions for Use through Irrigation Systems (Chemigation) section.**

PRODUCT USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: The use of an adjuvant may improve consistency and performance of this product. Refer to crop specific directions for use for information regarding the use of adjuvants.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications once the maximum amount of this product has been used. If resistant isolates to Group 11 fungicides are present, product performance may be reduced for certain diseases. When heavy infection pressure exists, when treating varieties highly susceptible to disease, or when environmental conditions are conducive to disease development, best results are obtained when using the higher rates and/or the shorter spray intervals allowed in the crop specific use directions on this label..

MIXING AND APPLICATION INSTRUCTIONS

Spray Equipment
All types of spray equipment commonly used for ground and aerial applications may be used with this product. Proper adjustment and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Nozzles
- Equip sprayers with nozzles that provide accurate and uniform application.
- Use nozzles that are the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- Use screens 16-mesh or coarser on the suction side of the pump.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's use guidelines.

Pump
- Use a pump with capacity to:
  a) Maintain 35 to 40 psi at nozzles.
  b) Provide sufficient agitation in tank to keep mixture in suspension. This requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state agricultural agency for advice. For specific local directions and spray schedules, consult your state agricultural agency for advice.

Spray Solution Preparation
- Proper mixing of this product with water requires use of a spray tank equipped with agitation.
- Prepare only the amount of spray solution required for immediate use. Do not allow spray mixture to stand overnight or for prolonged periods.
- Thoroughly clean spray equipment before preparing the spray solution.
- Maintain constant agitation throughout the spraying operation.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area

Stand-alone product solution:
- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add the specified amount of this product to the tank.
- Continue agitation while adding the remainder of the water and allow time for good dispersion.
- Begin application of the spray solution after the product has completely dispersed in the mix water and maintain agitation during spraying.

Tank mixture with other products:

- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add tank mix partners to the tank in the following order: t) wettable powder and water dispersible granule (WDG) formulations, 2) liquid flowables (aqueous suspensions), and 3) emulsifiable concentrates.
- Allow the material to completely dissolve and disperse into the mix water.
- Continue agitation while adding the remainder of the water and this product to the tank mix and allow time for good dispersion
- Begin application of the spray mixture while maintaining agitation.

Compatibility

This product is compatible with many pesticides and additives commonly used in tank mixtures. To determine the physical compatibility of this product with other products prior to full scale use, conduct a jar test as follows: Using a quart jar, add the proportionate amounts of the tank mixture components to t qt. of water. Add wettable powders and water dispersible granule (WDG) products first, then liquid flowables, and emulsifiable concentrates last. Mix thoroughly and let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been confirmed, use the same procedure for adding required ingredients to the spray tank.

NOTE: Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

INSTRUCTIONS FOR USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

- Use only on crops for which chemigation is specified on this label.
- Apply this product through t) sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; 2) drip irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water
- Apply in 0. t-0.25 inches of water per acre. Excessive water may reduce efficacy
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Spray Preparation: Clean chemical tank and injector system thoroughly. Flush system with clean water.

Drip Irrigation: This product may be applied through drip irrigation systems for soilborne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, delay subsequent irrigation (water only) for at least 24 hours following drip application.

Sprinkler Irrigation

Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Apply with center pivot or continuous-move equipment distributing t/2 acre-inch or less during treatment. In general, use the least amount of water required for proper distribution and coverage. If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, inject this product into no more than the last 20-30 minutes of the set.

Do not apply when winds are greater than t0-t5 mph to avoid drift or wind skips. Do not apply when wind speed favors drift beyond the area intended for treatment.

Plant injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniformly treated water. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.

If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.

Operating Instructions:

1. Do not apply when wind speed favors drift beyond the area intended for treatment.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
9. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when applying this product through center pivot systems as it may result in non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8 to 1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying this product through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the spray solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant agitation of the spray solution during the injection period.
- Continue to operate the system until the spray solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying this product through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.

- Stop injection equipment after treatment is completed. Continue to operate the system until the spray solution has cleared the last sprinkler head.

Specific Instructions for Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

DIRECTIONS FOR USE

ALFALFA *

* See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay) Crop Group 18

ALMONDS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf and fruit spot *(Alternaria alternata)* Anthracnose *(Colletotrichum acutatum)* Leaf Blight *(Selmatosporium lichenicola)* Leaf rust *(Tranzschella discolor)* Scab *(Cladosporium carpophilum)* Shothole *(Wilsonomyces carpophilus)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use a minimum spray volume of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed as a result of non-uniform coverage. This product may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at label specified rates. For anthracnose, scab and shothole, begin applications prior to disease development and continue at 7- to 14-day intervals throughout the season. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown Rot Blossom Blight *(Monilinia laxa, M. fructicola)*	12.0-15.5 (0.20-0.25)	

Use Limitations
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 28 Days.

ARTICHOKE, GLOBE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Ramularia leaf spot *(Ramularia cynarae)*	11.0-15.5 (0.18-0.25)	Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2- to 3-week intervals, up to and including the day of harvest. Do not apply at less than 7-day intervals. Apply by ground, air, or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, use a minimum of 5 gallons of water per acre. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

ASPARAGUS

Target Disease	Use Rate fl oz product/A lb a.i./A	Application Directions
Stemphyllium purple spot *(Stemphyllium vesicarium)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 100 Days.		

BANANAS, PLANTAINS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Black Sigatoka *(Mycosphaerella fijiensis)* Yellow Sigatoka *(Mycosphaerella musicola)*	5.5-8.5 (0.09-0.135)	Begin applications prior to disease development and continue throughout the season at 12- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 1 t fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 66.4 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.08 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		
Post Harvest Applications: Crown rot/Crown mold (*Colletotrichum musae, Fusarium pallidoroseum, Acremonium* spp., *Ceratocystis paradoxa, Glomerella cingulata, Penicillium* spp.)	200-400 ppm solution	Make a single application of a 200-400 ppm solution to achieve good coverage. Apply as a spray or dip or by painting onto the cut ends of the bananas. Use the 200 ppm application rate for short distance transportation ~~distances~~ (e.g., within the U.S.) and the 300-400 ppm application rate for long distance transportation (e.g., exports). If alum (1% w/v) is added to the spray mixture, stir the suspension frequently as it will settle out. The addition of a non-ionic surfactant (0.t0% v/v) may improve the compatibility of this mixture. **Amount of this product required per 100 gallons of spray solution to obtain the given concentration (ppm):** **Desired Concentration (ppm)** / **fl oz of product / 100 Gallons Spray Solution** 200 / 1 t 300 / 15 400 / 21
Use Limitations: Do not make more than one post harvest application ~~to bananas~~. Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.		

BERRIES - BUSHBERRY SUBGROUP 13-07B

Aronia berry; Blueberry (highbush and lowbush); Buffalo Currant; Chilean Guava; Cranberry (highbush); Currant (black and red); Elderberry; European Barberry; Gooseberry; Honeysuckle (edible); Huckleberry; Jostaberry; Juneberry (Saskatoon berry); Lingonberry; Native Currant; Salal; Sea Buckthorn; and all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria Fruit Rot (*Alternaria* spp.) Anthracnose fruit rot (*Colletotrichum gloeosporoides*) Botryosphaeria canker (*Botryosphaeria* spp.) Mummyberry (*Monilinia vaccinii-corymbosi*) Phomopsis stem canker (*Phomopsis vaccinii*) Powdery mildew (*Sphaerotheca* spp.) Septoria blight (*Septoria* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BERRIES - CANEBERRY SUBGROUP 13-07A

Blackberry; Bingleberry; Boysenberry; Dewberry; Lowberry; Marionberry; Olallieberry; Youngberry; Loganberry; Raspberry (red and black); Raspberry (wild); all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Spaceloma necafor),* *(Elsinoe veneta)* Botryosphaeria canker *(Botryosphaeria dothidea)* Colletotrichum rot *(Colletofrichum gloeosporioides)* Leaf spot *(Septoria rubi, Sphaerulina rubi)* Powdery mildew *(Sphaerotheca macularis)* Rosette or double blossom of blackberries *(Cercosporella rubi)* Spur blight *(Didymella applanata)*	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue as required until harvest. Make applications at 7- to 14-day intervals. Use a minimum water volume of 10 gal per acre by ground and a minimum of 3 gal by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Blackberry Rust (*Phragmidium* spp.)	10--15.5 (0.16-0.25)	
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BERRIES - LOW GROWING SUBGROUP 13-07G (Except Cranberry)

Strawberry; Bearberry; Bilberry; Cloudberry; Muntries; Partridgeberry; all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum fragariae)* Leather rot *(Phytophthora cactorum)* Powdery Mildew *(Sphaerotheca macularis)* Suppression of Botrytis on the Foliage *(Botrytis cinerea)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For leather rot control, make 2 applications at 7-day intervals from late bloom through harvest. Dip applications at transplanting for commercial berry production: For suppression of root and crown rot caused by *Colletotrichum* spp., mix 5-8 fl oz of this product per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed prior to dipping to remove excess soil. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot *(Rhizoctonia solani)*	0.40-0.80 fl oz /1000 row ft	For soilborne/seedling disease control, see directions and rates under the **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not use in plant propagation nurseries. Do not exceed 61.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - HEAD AND STEM SUBGROUP 5A

Broccoli; Chinese Broccoli (gai lon); Brussels Sprouts; Cabbage; Chinese Cabbage (napa); Chinese Mustard Cabbage (gai choy); Cauliflower; Cavalo Broccolo; Kohlrabi; all Cultivars and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot *(Alternaria spp.)* Downy mildew *(Peronospora parasitica)* Pin rot *(Alternaria spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - LEAFY GREENS SUBGROUP 5B

Broccoli Raab; Chinese Cabbage (bok choy); **Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens; all Cultivars and/or Hybrids** of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black spot *(Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) White rust *(Albugo candida)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot (*Rhizoctonia solani*)	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BULB VEGETABLES, CROP GROUP 3-07

Garlic; Leek; Bulb Onion [Chinese onion (bulb); daylily (bulb); fritillaria (bulb); garlic (bulb); great-headed garlic (bulb); lily (bulb); onion (bulb); pearl onion; potato onion (bulb); serpent garlic (bulb); shallot (bulb)]; **Green Onion** [Beltsville bunching onion; Chinese chive (fresh leaves),chive (fresh leaves); elegans hosta; fresh onion; fritillaria (leaves); green onion; kurrat; lady's leek; leek; macrostem onion; shallot (fresh leaves); tree onion (tops); Welsh onion (tops); wild leek]; **all cultivars, varieties, and/or hybrids** of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Cladosporium leaf blotch *(Cladosporium allii)* Purple blotch *(Alternaria porri)* Rust *(Puccinia allii)*	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use the higher rates for adequate control. An adjuvant may be added at label specified rates. Test mixtures of this product with insecticides and silicone adjuvants for crop safety before applying to the crop. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Botrytis leaf blight *(Botrytis aclada)* Downy mildew *(Peronospora destructor)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Rhizoctonia damping-off *(Rhizoctonia solani)*	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For in-furrow applications, direct the spray into the furrow just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CANOLA *

** See Application Directions for Oilseed Crop Group 20 for additional information*

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria blackspot *(Alternaria spp.)* Blackleg *(Leptosphaeria maculans)* Sclerotinia stem rot *(Sclerotinia sclerotiorum)*	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl oz of this product at early bud followed by 14.0 fl oz at about 45 days before harvest. A third application of 7.0 fl oz may be made 30 days before harvest. Specifically for blackleg, apply at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, apply 9.0-15.5 fl oz at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease development. For control of Alternaria alone, apply 8.0 fl oz at pod stage (approximately 95% petal fall). Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 30 Days.		

CARROT *

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Early blight *(Cercospora carotae)* Late blight *(Alternaria dauci)* White mold *(Sclerotium rolfsii)* *For additional diseases, see **Application Directions for Root Vegetables Subgroup 1A**	9.0-20.0 (0.15-0.33)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CELERY*

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Early blight (*Cercospora apii*) Late blight (*Septoria apicola*) ***For additional diseases, see Leafy Vegetables (except Brassica)***	9.0-t5.5 (0.15-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group t1 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CEREALS
Barley, Oats, Rye

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Kernel Blight (*Alternaria* spp.) Leaf Rust (*Puccinia hordei*)	6.0-12.0 (0.10-0.20)	Apply this product prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, use sufficient water volume to provide thorough coverage. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. For chemigation, apply in 0.1 to 0.25 inch of water per acre. Chemigation with an excessive amount of water may reduce efficacy. Do not make more than two (2) sequential applications of this product or other Group t1 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicide per season.
Barley Stripe (*Drechstera graminea* = *Pyrenophora graminea*) Net blotch (*Pyrenophora teres*)	9.0-12.0 (0.15-0.20)	
Powdery Mildew (*Erysiphe graminis f.* sp. *hordei*) Stagonospora blotch (*Stagonospora nodorum*)	12.0 (0.20)	
Use Limitations: Do not apply later than Feekes growth stage 10.54. Do not exceed 24.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days – forage, hay and grazing.		

CHRISTMAS TREES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Diplodia tip blight *(Diplodia pinea)* Lophodermium needlecast *(Lophodermium pinastri)* Swiss needlecast *(Phaeocrytopus gaumannii)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products.		

CITRUS FRUIT, CROP GROUP 10-10

Australian Desert Lime; Australian Finger-Lime; Australian Round Lime; Brown River Finger Lime; Calamondin; Citron; Citrus Hybrids; Grapefruit; Japanese Summer Grapefruit; Kumquat; Lemon; Lime; Mediterranean Mandarin; Mount White Lime; New Guinea Wild Lime; Orange (sour and sweet); Pummelo; Russell River Lime; Satsuma Mandarin; Sweet Lime; Tachibana Orange; Tahiti Lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliate Orange; Uniq Fruit; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Albinism *(Alternaria alternata pv citri)* Alternaria leaf and fruit spot *(Alternaria citri)* Cercospora leaf spot *(Cercospora spp.)* Diplodia stem-end rot *(Diplodia natalensis)* Greasy spot *(Mycosphaerella citri)* Melanose *(Diaporthe citri)* Penicillium Decays Green mold, Whisker mold, Suppression of Blue mold *(Penicillium spp.)* Phomopsis stem-end rot *(Phomopsis citrii)* Post bloom fruit drop (PFD) *(Colletotrichum acutatum)* Powdery mildew *(Erysiphe spp.)* Scab *(Elsinoe fawcettii)* Sweet Orange Scab *(Elsinoe australis)*	12.0-15.5 (0.20-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, use the higher application rates. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a horticultural spray oil to improve control of greasy spot. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) applications of this product or other Group 11 fungicide per season.
Black Spot *(Guignardia citricarpa)*	9.0-15.5 (0.15-0.25)	
For Pummelo and Citrus Hybrid –(Uniq fruit only) **Soil Borne Diseases** Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.
Do not use this product in citrus plant propagation nurseries.

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Citrus Fruit Crop Group 10-10 (Continued) **Post Harvest Applications:** Penicillium Decays Green mold, Whisker mold, Suppression of blue mold (*Penicillium* spp.) Diplodia stem-end rot (*Diplodia natalensis*) Phomopsis stem-end rot (*Phomopsis citrii*)	See Application Directions column	Apply as a dip, drench, flood, or spray. High volume (dilute) applications: Mix 32-64 fl oz in 25-100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Use T-Jet, flooders, or similar application systems. Low volume (concentrate) applications: Mix 32-64 fl oz in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Apply to 250,000 pounds of fruit. Use a controlled droplet type applicator or similar system. Dip applications: Mix 32-64 fl oz in 100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Dip fruit for 30 seconds and allow to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
Use Limitations: Do not make more than 2 post harvest applications to citrus fruit. Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.		

CLOVER (and Stands Containing Clover)*

*** See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay), Crop Group 18**

CORN

Field, Pop, Sweet (Including Seed Production)

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Rust *(Puccinia sorghi)*	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply this product at the onset of disease. A second application may be required 14 days later if disease pressure persists. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines, Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
Anthracnose leaf blight *(Collefotrichum graminicola)* Eye spot *(Aureobasidium zeae)* Gray leaf spot *(Cercospora sorghi)* Northern corn leaf blight *(Setosphaeria turcica)* Northern corn leaf spot *(Cochliobolus carbonum)* Southern corn leaf blight *(Cochliobolus* heterostrophus)	6.0-15.5 (0.10-0.25)	
Early Application (V4 – V8)	6.0 (0.10)	This product may be applied early (V4 – V8) for early season disease control and beneficial physiological benefits.
Soilborne Diseases Rhizoctonia root and stalk rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days.		

COTTON

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Glomerella gossypii*) Ascochyta Blight (*A. gossypii*) Boll Rot (*A. gossypii*) Cotton Rust (*Puccinia schedonnardi*) Hardlock (*Fusarium verticilfioides*) Southwestern Cotton Rust (*Puccinia cacabata*)	6.0-9.0 (0.1-0.15)	For optimum disease control, begin applications prior to or in the early stages of disease development. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively. Target the first application at approximately pinhead square to first bloom to protect the plant from diseases. Make subsequent application(s) at 14- to 21-day intervals. An additional application may be made depending on environmental conditions and the health of the cotton plant. Under poor environmental conditions conducive to seedling disease and poor cotton growth, treat early season cotton to suppress damping-off and other diseases which result in plant stand loss. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Pythium seedling blight (*Pythium aphanidermatum*) Rhizoctonia seedling blight (*Rhizoctonia solani*)	In-Furrow Application 0.4-0.8 fl oz/1000 row ft (0.10-0.20 oz. a.i. per 1000 row ft)	Apply this product as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to favor disease development, if the field has a history of Pythium infections, or if minimum/low till programs are in place. Refer to the **SOILBORNE/SEEDLING DISEASE CONTROL** section for table illustrating total fluid ounces per acre with various row spacings.
Use Limitations: Do not exceed 27 fl oz of this product/Acre per season as a foliar spray. Pre-harvest Interval (PHI) = 45 Days.		

CRANBERRY
LOW GROWING BERRY SUBGROUP 13-07H (except Strawberry)

Bearberry; Bilberry; Blueberry (lowbush); Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cottonball *(Monilinia oxycocci)* Fruit rots *(Physalospora vaccinii)* *(Glomerella cingulata)* *(Coleophoma empelri)* Lophodermium twig blight *(Lophodermium* spp.)	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom and repeat at 7- to 14-day intervals if conditions favor disease development. Apply by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fairy ring (suppression) (*Psilocybe* spp.)	15.5 (0.25)	Make the first application at bud break. Apply at a rate equivalent to 15.5 fl. oz/Acre in 30-100 gallons of water to the affected area (measure the ring diameter and add 10 feet to that diameter). Irrigation (1-2 hours) following application will help ensure penetration to the base of the plant. If needed, make another application 2-4 weeks later. For ground application, ensure adequate water volume for thorough canopy penetration.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 3-Days.
Do not treat cranberry fields used for aquaculture of fish and crustacea.
Do not apply to flooded crop.
Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.

CUCURBIT VEGETABLES, CROP GROUP 9

Cantaloupe; Chayote; Chinese-Waxgourd; Cucumber; Gourds; Honeydew Melon; *Momordica* spp. (bitter melon, balsam apple); Muskmelon; Watermelon; Pumpkin; Squash; Zucchini; Varieties, Cultivars, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum lagenarium)* Belly rot (*Rhizoctonia solani)* Downy mildew (*Pseudoperonospora cubensis)* Gummy stem blight (*Didymella bryoniae)* Leaf spots (*Alternaria* spp., *Cercospora* spp.) Myrothecium canker (*Myrothecium roridum)* Plectosporium blight (*Plectosporium tabacinum)* Powdery Mildew (*Sphaerotheca fuliginea), (Erysiphe cichoracearum)* Ulocladium Leaf Spot (*Ulocladium cucurbitae*)	6.0-15.5 (0.10-0.25)	For downy mildew and powdery mildew, make preventative applications at 5- to 7-day intervals. For belly rot control, make the first application at the 1-3 leaf crop stage with a second application just before vines tip over or 10-14 days later, whichever occurs first. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not tank mix this product with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants. Do not tank mix this product with malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Soilborne diseases Rhizoctonia root rot (*Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 1 Day.		

FRUITING VEGETABLES – PEPPER / EGGPLANT SUBGROUP 8-10B *

African Eggplant; Bell Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; Cultivars, Varieties, and/or Hybrids of these

For use on tomatoes, see crop specific Application Directions for TOMATO SUBGROUP 8-10A

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Powdery Mildew (*Sphaerotheca* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne diseases Rhizoctonia seedling rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 61.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

GRAPE and Other SMALL FRUIT VINE CLIMBING SUBGROUP 13-07F (except Fuzzy Kiwifruit)

Amur River Grape; Gooseberry; Grape; Kiwifrult (hardy); Maypop; Muscadines; Schisandra Berry; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black rot *(Guignardia bidwellii)* Downy mildew *(Plasmopara viticola)* Phomopsis cane and leaf spot *(Phomopsis viticola)* Powdery mildew *(Uncinula necator)* **Suppression Only:** Botrytis bunch rot *(Botrytis cinerea)*	10.0-15.5 (0.16-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** This product is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). DO NOT spray this product where spray drift may reach apple trees, DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of this product may cause unacceptable phytotoxicity to certain apple and crabapple varieties. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days.		

GRASSES (Grown for Seed)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Ergot Stem Diseases Powdery mildew *(Erysiphe graminis)* Rust *(Puccinia* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing products. Do not feed treated straw, seed, or screenings to livestock. Pre-harvest Interval (PHI) = 8 Days.		

HERBS & SPICES (Except Black Pepper), CROP GROUP 19

Allspice; Angelica; Anise (seed); Anise (star); Annatto (seed); Balm; Basil; Borage; Burnet; Camomile; Caper (buds); caraway; Caraway (black); cardamom; Cassia Bark; Cassia Buds; Catnip; Celery Seed; Chervil (dried); Chinese Chive; Chive; Cinnamon; Clary; Clove Buds; Coriander Leaf (cilantro or Chinese parsley); Coriander Seed (cilantro); Costmary; Culantro (leaf); Culantro (seed); Cumin; Curry (leaf); Dill (dillweed); Dill (seed); Fennel (common); Florence Fennel (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper Berry; Lavender; Lemongrass; Lovage (leaf); Lovage (seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper (black and white); Poppy (seed); Rosemary; Rue; Saffron; Sage; Savory (summer and winter); Sweet Bay; Tansy; Tarragon; Thyme; Vanilla; Wasabi, Wintergreen; Woodruff; Wormwood

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Corynespora blight (*Corynespora cassiicola*) Dill blight (*Cercosporidium punctum*) Phoma blight (*Passalora puncta*)	6.0-15.5 (0.10-0.25)	Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines, Apply by ground only. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fusarium Rhizome and Root Rot (*Pythium* spp.)	6:2-15.4 (0.10-0.25)	For Wasabi only: Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines, Apply by ground or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

LEAFY VEGETABLES (Except Brassica)

Amaranth, Arugula, Cardoon, Celery, Celtuce, Chervil, Chrysanthemum (edible), Coriander leaves (Cilantro), Corn salad, Cress, Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard, Cultivars, Varieties, and/or Hybrids of these**

***See also crop specific Application Directions for CELERY*

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria sonchi, A.* spp.) Anthracnose *(Microdochium panattonianum, Colletotrichum dematium)* Cercospora leaf spot *(Cercospora* spp.) Septoria leaf spot *(Septoria petroselini)* White rust *(Albugo occidentalis)*	6.0-t5.5 (0.10-0.25)	For downy and powdery mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to t4-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** Applications of this product to leafy vegetable foliage may contribute to foliar phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating any leafy vegetable crops with this product. When treating leaf lettuce, do not tank mix this product with AMBUSH® WP, Pounce® WP, Aliette®, Warrior® with Zeon ™ Technology, or any other product that may increase the penetration of this product into the leaf surface such as, but not limited to, silicone wetters.
Downy mildew *(Bremia lactucae)* Powdery *mildew* *(Eyrisiphe cichoracearum)*	t2.0-t5.5 (0.20-0.25)	
Soilborne Diseases Web blight, Bottom rot, Crater rot, Root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/ t000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

LEGUME VEGETABLES, DRY AND SUCCULENT **
and
LEGUME VEGETABLES, FOLIAGE OF ANY CULTIVAR OF BEAN (*Phaseolus* spp.) & FIELD PEA (*Pisum* spp.)

Bean *(Lupinus* spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin)
Bean *(Phaseolus* spp.*)* (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)
Bean *(Vigna* spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)
Bean (Glycine max) (Soybean, Immature Seed (edamame))**
Broad bean (fava bean) *(Vicia faba)*
Chickpea (garbanzo bean), *(Cicer arietinum)*
Guar *(Cyamopsis tetragonoloba)*
Jackbean *(Canavalia ensiformis)*
Lablab bean (hyacinth bean) *(Lablab purpureus)*
Lentil *(Lens esculenta)*
Pea *(Pisum* spp.) (includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea)
Pigeon pea *(Cajanus cajan)*
Sword bean *(Canavalia gladiata)*

For use on soybeans, refer also to the crop specific Application Directions for SOYBEAN and SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Bean rust *(Uromyces appendiculatus)*	6.0 (0.10)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For rust, use of a non-ionic surfactant is recommended. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Alternaria blight *(Alternaria* spp.) Alternaria leaf spot *(Alternaria alternata)* Anthracnose *(Colletotrichum lindemulhianum)* Ascochyta blight *(Mycosphaerella pinodes)* Ascochyta leaf and pod spot *(Ascochyta* spp.) Ascochyta leaf spot *(Ascochyta phaseolorum)* Rust *(Phakopsora* spp.*)* Southern blight *(Sclerotium rolfsii)* Web blight *(Rhizoctonia solani)*	6.0-15.5 (0.10-0.25)	
Soil Borne Diseases Rhizoctonia root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. This product may be applied to the furrow and covering soil at planting time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur. If using a narrow spray as an in-furrow spray, direct the spray stream to the soil next to the seed but not directly on the seed. **Note**: Conduct a seed safety test with your crop before making in-furrow applications.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI):
Dry bean and dry pea seeds - PHI = 14-Days
Succulent beans and peas - PHI = 0 Day
For use on soybeans, ~~please~~ refer also to the ~~soybean~~ crop specific Application dDirections for **SOYBEANSuse** and **SOYBEAN, IMMATURE SEED** (Edarname).

MINT
Fresh or for Processing into Mint Oil

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Powdery mildew *(Erysiphe* spp.) Rust *(Puccinia menthae)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 46 fl oz of this product/Acre per season.
Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI):
Fresh mint - PHI = 0-Day
Processed mint – PHI = 7 Days

NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY), CROP GROUP 18

For pure/mixed stands of the following or stands mixed with grasses: Alfalfa; Bean (velvet); Clover (*Trifolium* spp., *Melilotus* spp.); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Vetch (crown); Vetch (milk)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew *(Oidium* spp.), *(Erysiphe* spp.) Rust *(*Phakopsora spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended. For management of outbreaks of Asian soybean rust and other Puccinia species on alternate host species such as kudzu, lespedeza, trefoil, and vetch, apply this product to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and university extension agents for the latest advice. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 15.5 fl oz of this product (0.25 lb a.i.) per acre per cutting. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days for grazing and harvest of forage and hay Do not use on rangeland.		

OILSEED CROPS, CROP GROUP 20

Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold Of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed**; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; Cultivars, Varieties, and/or Hybrids of these**

***Refer also to crop specific Application Directions for COTTON AND CANOLA*

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot *(Alternaria* spp.) Downy mildew *(Plasmopora halstedii, Plasmopora helianthi)* Pasmo (*Septoria linicola garass*) Sunflower Rust *(Puccinia helianthi*)	6.0-15.5 (0.10-0.25)	Apply 6.0 fl oz of this product at early bud followed by 14.0 fl oz about 45 days before harvest. Make a third application of 7.0 fl oz 30 days before harvest. Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27 fl oz of product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 30 Days.		

PEANUT

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Soilborne diseases – early season (in-furrow application) Aspergillus crown rot *(Aspergillus niger)* Pythium damping-off *(Pylhium* spp.) Stem rot / White mold suppression *(Sclerolium rolfsii)*	0.4-0.8 fl oz/1000 row ft	Apply this product in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Soilborne diseases – mid-late season Rhizoctonia peg and pod rot *(Rhizoclonia solani)* Stem rot / White mold *(Sclerotium rolfsii)* **Suppression only:** Cylindrocladium black rot *(Cylindrocladium crolalariae)* Pythium pod rot *(Pythium myriolylum)*	12.0-24.5 (0.20-0.40)	Apply this product as a foliar spray approximately 60 and 90 days after planting. Make both applications earlier in the season if environmental conditions favor disease development. These applications will provide protection against soil borne diseases as well as control of listed foliar diseases for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is high rainfall and/or irrigation, use 18.5-24.5 fl oz/Acre. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl oz/Acre. For control of Pythium, a rate of 24.5 fl oz/Acre is required. Follow with applications of other fungicides at 10- to 14-day intervals to provide season-long control of leaf spot diseases. Apply by ground, air, or chemigation, An adjuvant may be added at label specified rates.
Foliar diseases Early leaf spot *(Cercospora arachidicola)* Late leaf spot *(Cercosporidium personatum)* Rust *(Puccinia arachidis)* Web blotch *(Phoma arachidicola)*	6.0-18.5 (0.10-0.30)	For foliar disease control only, treat at a reduced rate of 6.0 to 18.5 fl oz/Acre at 10- to 14-day intervals. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of product/Acre per season. Do not exceed the equivalent of 0.80 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

PECANS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Glomerella cingulata)* Scab *(Cladosporium caryigenum)*	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

PISTACHIOS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria late blight *(Alternaria alternata)* Botryosphaeria panicle and shoot blight *(Botryosphaeria dothidea)* Septoria leaf spot *(Septoria pistaciarum)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

POTATOES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black dot (*Colletotrichum coccodes*) Early Blight (*Alternaria solani*) Late Blight (*Phytophthora infestans*) Powdery mildew (*Erysiphe cichoracearum*)	6.0-20.0 (0.10-0.33)	Early blight • Apply 6.2 fl oz product/Acre and repeat at 7-day intervals. **OR** • Apply 12.0 fl oz product/Acre and repeat at 14-day intervals. Late blight - Apply 12.0 fl oz product/Acre and repeat at 7-day intervals. Initiate late blight applications as a preventive treatment according to local practices. If late blight symptoms appear or conditions favor disease development, switch immediately to a non-Group 11 fungicides and repeat applications at 5-day intervals. Adding a spreader/sticker to the spray mixture may improve coverage. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Apply by ground, air, or chemigation. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Black dot (*Colletotrichum coccodes*) Black scurf (*Rhizoctonia solani*) Silver scurf (*Helminthosporium solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

RICE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Sheath/Stem Diseases Sheath Blight *(Rhizoctonia solani)*	6.0-18.5 (0.10-0.30)	Apply this product by ground, air, or chemigation prior to disease development. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For sheath blight control, application rates may vary from 9.0 to 12.0 fl oz/A depending on the growth stage of the rice and the severity of the disease. For other stem/sheath diseases including aggregate sheath spot, black sheath rot, sheath spot, and stem rot, apply when disease is less than 4 inches above water line, usually between panicle differentiation (PD) +5 days to (PD) +10 days, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application. For foliar and panicle diseases, apply this product prior to disease development. For blast control, apply as a preventive treatment before favorable conditions for blast development. For panicle blast, make the first application at mid-boot to boot-split but prior to full head emergence. Make a second application when panicles are approximately 60-90% emerged from the boot (7-14 days later). For panicle blast on continuous rice acreage (no rotation to other crops), no more than two (2) sequential foliar applications of this product or other Group 11 fungicides should be made over multiple years before alternating with a fungicide that has a different mode of action. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides per acre per season.
Aggregate Sheath Spot *(Ceratobasidium oryzae-sativae = Rhizoctonia oryzae-sativae)* Black Sheath Rot *(Gaeumannomyces graminis var. graminis)* Sheath Spot *(Rhizoctonia oryzae)* Stem Rot *(Magnaporthe salvinii = Sclerotium oryzae = Nakateae sigmoidea)*	9.0-18.5 (0.15-0.30)	
Foliar Diseases Brown leaf spot *(Cochliobolus miyabeanus)* Leaf smut *(Entyloma oryzae)* Narrow brown leaf spot *(Cercospora janseana = Cercospora oryzae)*		
Panicle Diseases Kernel smut *(Tilletia barclayana = Neovossia barclayana)* Panicle blast *(Pyricularia grisea)*		

Use Limitations:

Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

ROOT VEGETABLES, SUBGROUP 1A
and
LEAVES OF ROOT AND TUBER VEGETABLES, CROP GROUP 2

Beet (garden and sugar) [1,2]; **Burdock (edible)** [1,2]; **Carrot** [1,2 (a)]; **Cassava (bitter and sweet)** [1]; **Celeriac (celery root)** [1,2]; **Chervil (turnip-rooted)** [1,2]; **Chicory** [1,2]; **Dasheen (taro)** [1]; **Ginseng** [2]; **Horseradish** [2]; **Parsley (turnip-rooted)** [2]; **Parsnip** [1,2]; **Radish** [1,2]; **Radish (oriental (daikon))** [1,2]; **Rutabaga** [1,2]; **Salsify** [2]; **Salsify (black)** [1,2]; **Salsify (Spanish)** [2]; **Skirret** [2]; **Sweet Potato** [1]; **Tanier** [1]; **Turnip** [1,2]; **Yam (true)** [1]

[1] Leaves of Root and Tuber Vegetables, Crop Group 2

[2] Root Vegetables Subgroup 1A

[a] *Refer also to the crop specific Application Directions for CARROTS*

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces betae, Puccinia helianthi)* White rust *(Albugo fragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora betae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular Spot, Southern blight *(Sclerotium rolfsii)* Pythium root rot *(Pythium aphanidermatum)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For sugar beets, make 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of this product with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. Do not apply in-furrow if cool soil conditions are expected after planting which could result in an extended period of plant emergence. If using this product at planting, do not use a starter fertilizer with it.

Use Limitations:
Do not exceed 123 fl oz of product/Acre per season.
Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product.
Minimum application volume for in-furrow sprays: 10 GPA.
Pre-harvest Interval (PHI) = 0 Day.

SORGHUM

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum graminicola)* Gray leaf spot *(Cercospora sorghi)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are favorable for severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Damping-off *(Rhizoctonia solani,* *Pythium aphanadermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: For grain and stover, do not exceed 46 fl oz of this product/Acre/season or the equivalent of 0.75 lb a.i./Acre/season from any azoxystrobin-containing products. For forage, do not exceed 31 fl oz of this product/Acre per season or the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days.		

SOYBEAN and SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Aerial blight *(Rhizoctonia solani)* Alternaria leaf spot *(Alternaria* spp.) Anthracnose *(Colletotrichum truncatum)* Brown spot *(Septoria glycines)* Cercospora blight and leaf spot *(Cercospora kikuchii)* Frogeye leaf spot *(Cercospora sojina)* Pod and stem blight *(Diaporthe phaseolorum)* Rust *(Phakopsora* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are conducive to severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended. Soybean rust: Use this product at 4.0 fl oz/Acre when tank ~~mixed~~-mixing with a triazole fungicide registered for use on soybean. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia solani *(Rhizoctonia solani)* Southern blight *(Sclerolium rolfsii)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use **Limitations:** Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Do not make more than one (1) application at 15.5 fl oz (0.25 lb a.i.) of product/Acre to soybean forage and hay. Pre-harvest Interval (PHI): Soybean (bean) - PHI = 14 Days Soybean forage and hay – PHI = 0 Day.		

STONE FRUIT

Apricot, Cherry (sweet and, tart), Nectarine, Peach, Plum, Plumcot, Prune

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria spot and Fruit rot *(Alternaria alternata)* Anthracnose *(Colletotrichum prunicola, C. gloeosporioides)* Leaf rust *(Tranzschelia discolor)* Powdery mildew *(Sphaerotheca pannosa, Podosphaera clandestine)* Scab *(Cladosporium carpophilum)* Shot Hole *(Wilsonomyces carpophilus)*	6.0-15.5 (0.10-0.25)	For scab control, begin applications at petal fall and continue at 7- to 14-day intervals. For peaches only, apply 9.0-15.5 fl oz of this product. For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, apply this product to fruit up to the day of harvest.. For all other diseases, begin applications at the onset of disease as a protectant fungicide and continue at 7- to 14-day intervals. Apply this product by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 1 t fungicides before alternating with a fungicide that has a different mode of action.
Brown rot blossom blight and Fruit rot *(Monilinia fruclicola, M. laxa)*	12.0-15.5 (0.20-0.25)	

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

SUGARCANE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Rust *(Puccinia , melanocephela)* Orange Rust *(Puccinia kuehnii)*	9.0-12.0 (0.15-0.20)	Begin applications prior to rust development and continue throughout the season at 14- to 28 –day intervals following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For ground applications, apply in sufficient water volume for adequate coverage and canopy penetration. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per acre per year.

Use Limitations:
Do not exceed 49 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 30 Days.
For aerial application, the minimum application volume is 5 GPA.

TOBACCO

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Blue mold *(Peronospora tabacina)* Frogeye leaf spot *(Cercospora nicotianae)* Target spot *(Rhizoctonia solani)*	6.0-12.0 (0.1-0.2)	Begin applications prior to disease development or at first indication that blue mold is in the area. Do not apply this product as a curative treatment. Apply at 7- to 14-day intervals. Use the shorter intervals when conditions are conducive to disease development. Apply by ground, air, or chemigation. For ground applications, use sufficient water volume for adequate coverage and canopy penetration. For aerial applications, apply in volumes of 10-15 GPA. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **NOTE:** This product may enhance weather flecking on the leaves of certain tobacco types. This does not affect yield and quality.

Use Limitations:
Do not exceed 32 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.52 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.
Do not apply on greenhouse seedlings.
Do not tank mix with Thiodan.
Tank mixing this product with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents may cause some crop injury.

TOMATO SUBGROUP 8-10A

Tomato; Tomatillo; Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; Naranjilla; Sunberry; Tree Tomato; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum coccodes)* Black mold *(Alternaria alternata)* Buckeye rot *(Phytophthora spp.)* Early blight *(Alternaria solani)* Powdery Mildew *(Oidiopsis sicula)* Septoria Leaf Spot *(Septoria lycopersici)* Target spot *(Corynespora cassiicola)*	5.0-6.2 (0.08-0.10)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For late blight, apply this product at 5- to 7- day intervals. For all other tomato diseases, make applications at 7- to 21-day intervals. Use of adjuvants may result in severe phytotoxicity. Do not exceed 0.125% adjuvant (v/v). Tank mixtures with dimethoate may cause phytotoxicity. For fresh market tomatoes, do not use adjuvants or tank mix this product with other pesticides formulated as emulsifiable concentrates (EC). Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Late Blight *(Phytophthora infestans)*	6.2 (0.10)	

Use Limitations:
Do not exceed 37 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.6 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

TREE NUTS **

Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Walnut

***** See also crop specific Application Directions for ALMONDS and PISTACHIOS***

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf and fruit spot (*Alternaria alternata*) Anthracnose (*Colletotrichum acutatum, Glomerella cingulata*) Blossom Blight (*Monilinia laxa, M. fructicola*) Eastern filbert blight (*Anisogramma anomale*) Late blight (*Alternaria alternata*) Scab (*Cladosporium carpophilum*) Septoria leaf spot (*Septoria pistaciarum*) Shothole (*Wilsonomyces carpophilus*)	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

TROPICAL FRUIT

Acerola, Atemoya, Avocado, Biriba, Canistel, Cherimoya , Custard Apple, Dragon Fruit, Feijoa, Guava, Ilama, Jaboticaba, Jackfruit, Longan, Loquat, Lychee, Mango, Papaya, Passionfruit, Pawpaw, Persimmon, Pulasan, Rambutan, Sapodilla, Sapote (black, mamey, white), Soursop, Star Apple, Starfruit, Sugar Apple, Spanish Lime, Tamarind

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Cercospora leaf spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe* spp.) Rust (*Puccinia* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Follow the resistance management guidelines in the Resistance Management section. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 0 Day.		

TUBEROUS AND CORM VEGETABLES SUBGROUP 1C

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (edible), Cassava (edible, bitter and sweet), Chayote (root), Chufa, Dasheen (Taro), Ginger, Leren, Potato, Sweet Potato, Tanier, Turmeric, Yam (bean, true)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria* spp., *A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces beiae, Puccinia hellanthi)* White rust *(Albugo tragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7- day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one (1) application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora beiae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular spot, Southern blight *(Sclerotium rolfsii)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)* Pythium root rot *(Pythium aphanidermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest interval (PHI) = 14 Day.		
Post Harvest Applications: Silver Scurf *(Helminthosporium solani)* Fusarium Dry Rot *(Fusarium* spp.) Late Blight *(Phytophthora infestans)* Pink Rot *(Phytophthora erythroseptica)*	0.6 fl oz/ ton of tubers	In-Line Aqueous Spray Application: ♦ Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated. ♦ Mix the fungicide solution in an appropriate amount of water for the crop being treated. ♦ Use T-jet, CDA, or similar application system.
Use Limitations: Do not make more than one (1) post-harvest application to the tubers. Do not use on seed potatoes or seed pieces. Ensure the spray solution remains in suspension by using agitation		

WATERCRESS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cercospora leaf spot *(Cercospora* spp.)	6.0-t5.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 1 t fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 93.2 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

CEREALS

Wheat, Triticale

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Leaf Rust *(Puccinia trilicina = recondita* f.sp. *tritici)* Septoria leaf and Glume blotch *(Septoria tritici, Septoria nodorum)* Stem Rust *(Puccinia graminis)* Stripe Rust *(Puccinia striiformis)* Tan Spot *(Pyrenophora tritici-repentis)*	4.0-t2.0 (0.07-0.20)	Apply this product prior to disease development. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group t1 fungicide per season.
Powdery Mildew *(Erysiphe graminis)*	7.5-11.0 (0.t25-0.175)	
Use Limitations: Do not apply after Feekes 10.54. Do not exceed 24.6 fl oz of product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI): Forage and hay – PHI = 7 Days; Grazing – PHI = 14 Days.		

WILD RICE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Spot (*Bipolaris oryzae or Bipolaris sorokiana*) Also known as *Helminthosporium oryzae* and *H. sativum* Stem Rot (*Nakataea sigmoidea*)	12.5-15.5 (0.20-0.25)	Apply this product prior to disease development. Apply by ground, air, or chemigation. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For foliar diseases, apply this product prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicides per season.

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

RATE CONVERSION CHART

Fluid Ounces Product/Acre	Pounds a.i./Acre	Treated Acres/Gallon Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **"NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type/size."

[Nonrefillable Containers 5 Gallons or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Refillable containers larger than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product and return it unopened to the Seller, and the purchase price will be refunded.

(RV0925 t3)

Material Sent for Data Extraction

Reg. # 228-TEN (-720)

Description: New product

☐ Material(s) Sent to Data Extraction Contractors:

- ☑ New Stamped Label Dated 9/20/13
- ☐ Notification Dated _____
- ☑ New CSF(s) Dated 8/26/13
- ☐ Other: _____

☐ Decision #: 478901

☐ Other Action/Comments: _____

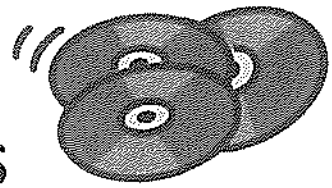
_____

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: Erin Malone

Phone: 347-0253 Division: RD/FB

Date: 9/23/13



NEW APPLICATIONS

DATE: MAY 15 2013

FILE REG NUMBER: 228- TEN

FEP (OPPIN ENTRY) GM- LV MAY 16 2013

(Initial & Date)

FILE ROOM: _____

(Initial & Date)

SIG: _____

(Initial & Date)

FILE ROOM: _____

(Initial & Date)

ASSIGN TO PM: AD ____ ✓ **RD** 20 **BPPD** _____

_____ **JACKET TO SHELF (DATA)**

REVISED 11/28/12

Lvn RM 20

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

NOTICE OF PESTICIDE:

X Registration

_ Reregistration

Under FIFRA, as amended

EPA Reg. Number:	Date of Issuance:
228-720	SEP 2 0 2013

Term of Issuance: Unconditional

Name of Pesticide Product: **NUP-08099**

Name and Address of Registrant (include ZIP Code):

Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The Basic Confidential Statement of Formula (CSF) dated 8/26/2013 is acceptable.

This product is registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Signature of Approving Official:

For Shaja B. Joyner, Product Manager (20)
Fungicide Branch/Registration Division/OPP/OCSPP (7504P)

Date: SEP 2 0 2013

EPA Form 8570-6

2. You must submit the following data before the due date of 10/7/2014:

    a. Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies. It is recommended that observations are made at 0, 3, 6, 9, and 12 months.

3. Make the following change to the label:

    a. Change the product registration number to "EPA Reg. No. 228-720"

4. Submit one copy of the revised final printed label for the record before the product is released for shipment.

Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted" is enclosed for your records.

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosure:
Label stamped "Accepted"
Product Chemistry Review dated 6/25/13 {DP412499}

Group	11	Fungicide

NUP-08099

Broad spectrum fungicide for the control of plant diseases
For Control of Certain Post Harvest Diseases in Banana and Citrus

ACTIVE INGREDIENT	
Azoxystrobin (methyl (E)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]-phenyl}-3-methoxyacrylate	22.9%
OTHER INGREDIENTS	77.1%
TOTAL	100.0%

Contains 2.08 pounds of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION / PRECAUTIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE LABEL BOOKLET FOR FIRST AID AND PRECAUTIONARY STATEMENTS

ACCEPTED
SEP 2 0 2013
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 228-720

EPA REG. NO. 228-XXX

EPA Est. No. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.
11901 S. AUSTIN AVENUE
ALSIP, IL 60803

Nufarm

NET CONTENTS: _____ (Gal.) (_____ liters)

[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

FIRST AID	
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (877) 325-1840 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCTIÓN

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Notify State and/or Federal authorities and Nufarm immediately if you observe any adverse environmental effects due to use of this product.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, MillCreek, Fairview, Girard, and Springfield.

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

PRODUCT INFORMATION

This product is a suspension concentrate (SC) or flowable formulation. It is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. This product may also improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to factors such as the crop, crop hybrid, or environment. This product may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. Make all applications according to the use directions on this label.

USE PRECAUTIONS AND LIMITATIONS

Do not use this product in greenhouses.

Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

ATTENTION

This product is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). Refer to SPRAY DRIFT MANAGEMENT information below.

DO NOT spray this product where spray drift may reach apple trees.

DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather related factors determine the potential for spray drift.

DO NOT spray when conditions favor drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension agent for spray drift prevention guidelines in your area.

DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

ROTATIONAL CROP RESTRICTIONS

The following crops may be planted at the specified interval following application of this product.

Crop	Plantback Interval
Buckwheat Millet	12 months
All other crops with Azoxystrobin registered uses	0 days

INTEGRATED PEST MANAGEMENT (IPM)

To reduce the potential for development of resistance, integrate this product into an overall disease and pest management strategy whenever the use of a fungicide is required. Follow cultural practices known to reduce disease development such as selection of disease-tolerant varieties, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult with your State Agricultural Experiment Station or Extension Service specialist for additional IPM strategies established for your area. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

Crop Tolerance: Plant tolerance has been found to be acceptable for all crops on the label. However, not all possible tank mixture combinations have been tested under all conditions. It is recommended to test tank mixture combinations on a small portion of the crop to assess plant response before large scale applications. See the USE PRECAUTIONS AND LIMITATIONS section for apple phytotoxicity information.

RESISTANCE MANAGEMENT

This product is a Group 11 fungicide. The mode of action for azoxystrobin, the active ingredient in this product, is the inhibition of the Qol (quinone outside) site within the electron transport system as well as disruption of membrane synthesis by blocking demethylation [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use this product in accordance with resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Nufarm Americas Inc. encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label with Group 11 (Qol) fungicides.

Follow the crop specific resistance management recommendations provided in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo Qol fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended Qol fungicide sprays in mixture (tank-mix or formulated)	1	2	2	2	2	3	3	4	4	5	5	6

Under conditions requiring multiple fungicide applications, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, alternating with two or more applications of a fungicide that is not in Group 11 will help reduce the potential for resistance development. If more than 12 applications are made, observe the following guidelines:

- When a QoI fungicide is used as a solo product, make no more than 1/3 (33%) of the total number of fungicide applications per season with the QoI containing product.
- For programs including tank mixes or premixes of QoI fungicide with mixing partners of a different mode of action, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs including applications of QoI fungicides as both solo products and mixtures, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

SOILBORNE/SEEDLING DISEASE CONTROL

For crops that have specific use directions for soilborne disease control:

This product can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the regional cultural practices. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

Banded application

Apply this product prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants. Limit band width to 7 inches or less. Apply this product at a rate of 0.40-0.80 fl oz product (0.10-0.20 oz. a.i.) per 1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl oz per 1000 row feet. These applications come into contact with the foliage and are counted as foliar applications when considering resistance management. They may be applied during cultivation or hilling operations to provide soil incorporation.

In-furrow application

Apply this product as an in-furrow spray in 3-15 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seeds are covered. Use the higher rate allowed when weather conditions are expected to favor disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

In-Furrow Application Rates

Rate per 1,000 Row Feet		Amount of Product per Acre (fl oz)						
fl oz product	oz a.i.	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft/A 32" = 16,315 row ft/A 36" = 14,520 row ft/A 40" = 13,068 row ft/A

30" = 17,424 row ft/A 34" = 15,374 row ft/A 38" = 13,754 row ft/A

Drip
Refer to the **Instructions for Use through Irrigation Systems (Chemigation) section.**

PRODUCT USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: The use of an adjuvant may improve consistency and performance of this product. Refer to crop specific directions for use for information regarding the use of adjuvants.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications once the maximum amount of this product has been used. If resistant isolates to Group 11 fungicides are present, product performance may be reduced for certain diseases. When heavy infection pressure exists, when treating varieties highly susceptible to disease, or when environmental conditions are conducive to disease development, best results are obtained when using the higher rates and/or the shorter spray intervals allowed in the crop specific use directions on this label..

MIXING AND APPLICATION INSTRUCTIONS

Spray Equipment
All types of spray equipment commonly used for ground and aerial applications may be used with this product. Proper adjustment and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Nozzles
- Equip sprayers with nozzles that provide accurate and uniform application.
- Use nozzles that are the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- Use screens 16-mesh or coarser on the suction side of the pump.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's use guidelines.

Pump
- Use a pump with capacity to:
  a) Maintain 35 to 40 psi at nozzles.
  b) Provide sufficient agitation in tank to keep mixture in suspension. This requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state agricultural agency for advice. For specific local directions and spray schedules, consult your state agricultural agency for advice.

Spray Solution Preparation
- Proper mixing of this product with water requires use of a spray tank equipped with agitation.
- Prepare only the amount of spray solution required for immediate use. Do not allow spray mixture to stand overnight or for prolonged periods.
- Thoroughly clean spray equipment before preparing the spray solution.
- Maintain constant agitation throughout the spraying operation.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area

<u>Stand-alone product solution:</u>
- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add the specified amount of this product to the tank.
- Continue agitation while adding the remainder of the water and allow time for good dispersion.
- Begin application of the spray solution after the product has completely dispersed in the mix water and maintain agitation during spraying.

Tank mixture with other products:

- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add tank mix partners to the tank in the following order: 1) wettable powder and water dispersible granule (WDG) formulations, 2) liquid flowables (aqueous suspensions), and 3) emulsifiable concentrates.
- Allow the material to completely dissolve and disperse into the mix water.
- Continue agitation while adding the remainder of the water and this product to the tank mix and allow time for good dispersion
- Begin application of the spray mixture while maintaining agitation.

Compatibility

This product is compatible with many pesticides and additives commonly used in tank mixtures. To determine the physical compatibility of this product with other products prior to full scale use, conduct a jar test as follows: Using a quart jar, add the proportionate amounts of the tank mixture components to 1 qt. of water. Add wettable powders and water dispersible granule (WDG) products first, then liquid flowables, and emulsifiable concentrates last. Mix thoroughly and let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been confirmed, use the same procedure for adding required ingredients to the spray tank.

NOTE: Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

INSTRUCTIONS FOR USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

- Use only on crops for which chemigation is specified on this label.
- Apply this product through 1) sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; 2) drip irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water
- Apply in 0.1-0.25 inches of water per acre. Excessive water may reduce efficacy
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Spray Preparation: Clean chemical tank and injector system thoroughly. Flush system with clean water.

Drip Irrigation: This product may be applied through drip irrigation systems for soil-borne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, delay subsequent irrigation (water only) for at least 24 hours following drip application.

Sprinkler Irrigation

Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. In general, use the least amount of water required for proper distribution and coverage. If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, inject this product into no more than the last 20-30 minutes of the set.

Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips. Do not apply when wind speed favors drift beyond the area intended for treatment.

Plant injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniformly treated water. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.

If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.

Operating Instructions:

1. Do not apply when wind speed favors drift beyond the area intended for treatment.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
9. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when applying this product through center pivot systems as it may result in non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8 to 1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying this product through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the spray solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant agitation of the spray solution during the injection period.
- Continue to operate the system until the spray solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying this product through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.

- Stop injection equipment after treatment is completed. Continue to operate the system until the spray solution has cleared the last sprinkler head.

Specific Instructions for Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

DIRECTIONS FOR USE

ALFALFA *

*** See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay) Crop Group 18**

ALMONDS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf and fruit spot *(Alternaria alternata)* Anthracnose *(Colletotrichum acutatum)* Leaf Blight *(Seimatosporium lichenicola)* Leaf rust *(Tranzschelia discolor)* Scab *(Cladosporium carpophilum)* Shothole *(Wilsonomyces carpophilus)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use a minimum spray volume of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed as a result of non-uniform coverage. This product may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at label specified rates. For anthracnose, scab and shothole, begin applications prior to disease development and continue at 7- to 14- day intervals throughout the season. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown Rot Blossom Blight *(Monilinia laxa, M. fructicola)*	12.0-15.5 (0.20-0.25)	

Use Limitations
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 28 Days.

ARTICHOKE, GLOBE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Ramularia leaf spot *(Ramularia cynarae)*	11.0-15.5 (0.18-0.25)	Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2 to 3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Apply by ground, air, or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, use a minimum of 5 gallons of water per acre. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

ASPARAGUS

Target Disease	Use Rate fl oz product/A lb a.i./A	Application Directions
Stemphyllium purple spot *(Stemphyllium vesicarium)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 100 Days.		

BANANAS, PLANTAINS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Black Sigatoka *(Mycosphaerella fijiensis)* Yellow Sigatoka *(Mycosphaerella musicola)*	5.5-8.5 (0.09-0.135)	Begin applications prior to disease development and continue throughout the season at 12- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 66.4 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.08 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		
Post Harvest Applications: Crown rot/Crown mold *(Colletofrichum musae, Fusarium pallidoroseum, Acremonium* spp., *Ceratocystis paradoxa, Glomerella cingulata, Penicillium* spp.)	200-400 ppm solution	Make a single application of a 200-400 ppm solution to achieve good coverage. Apply as a spray or dip or by painting onto the cut ends of the bananas. Use the 200 ppm application rate for short transportation distances (e.g., within the U.S.) and the 300-400 ppm application rate for long distance transportation (e.g., exports). If alum (1% v/v) is added to the spray mixture, stir the suspension frequently as it will settle out. The addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture. **Amount of this product required per 100 gallons of spray solution to obtain the given concentration (ppm):**

Desired Concentration (ppm)	fl oz of product / 100 Gallons Spray Solution
200	11
300	15
400	21

Use Limitations: Do not make more than one post harvest application to bananas. Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.

BERRIES - BUSHBERRY Subgroup 13-07B

Aronia berry; Blueberry (highbush and lowbush); Buffalo Currant; Chilean Guava; Cranberry (highbush); Currant (black and red); Elderberry; European Barberry; Gooseberry; Honeysuckle (edible); Huckleberry; Jostaberry; Juneberry (Saskatoon berry); Lingonberry; Native Currant; Salal; Sea Buckthorn; and all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria Fruit Rot (*Alternaria* spp.) Anthracnose fruit rot (*Colletotrichum gloeosporoides*) Botryosphaeria canker (*Botryosphaeria* spp.) Mummyberry (*Monilinia vaccinii-corymbosi*) Phomopsis stem canker (*Phomopsis vaccinii*) Powdery mildew (*Sphaerotheca* spp.) Septoria blight (*Septoria* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BERRIES - CANEBERRY Subgroup 13-07A

Blackberry; Bingleberry; Boysenberry; Dewberry; Lowberry; Marionberry; Olallieberry; Youngberry; Loganberry; Raspberry (red and black); Raspberry (wild); all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Spaceloma necafor),* *(Elsinoe venefa)* Botryosphaeria canker *(Botryosphaeria dothidea)* Colletotrichum rot *(Colletotrichum gloeosporioides)* Leaf spot *(Septoria rubi, Sphaerulina rubi)* Powdery mildew *(Sphaerotheca macularis)* Rosette or double blossom of blackberries *(Cercosporella rubi)* Spur blight *(Didymella applanata)*	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue as required until harvest. Make applications at 7- to 14-day intervals. Use a minimum water volume of 10 gal per acre by ground and a minimum of 3 gal by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Blackberry Rust (*Phragmidium* spp.)	10--15.5 (0.16-0.25)	

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

BERRIES - LOW GROWING Subgroup 13-07G (Except Cranberry)

Strawberry; Bearberry; Bilberry; Cloudberry; Muntries; Partridgeberry; all Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum fragariae)* Leather rot *(Phytophthora cactorum)* Powdery Mildew *(Sphaerotheca macularis)* Suppression of Botrytis on the Foliage *(Botrytis cinerea)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For leather rot control, make 2 applications at 7-day intervals from late bloom through harvest. **Dip applications at transplanting for commercial berry production:** For suppression of root and crown rot caused by *Colletotrichum* spp., mix 5-8 fl oz of this product per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed prior to dipping to remove excess soil. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot *(Rhizoctonia solani)*	0.40-0.80 fl oz /1000 row ft	For soilborne/seedling disease control, see directions and rates under the **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not use in plant propagation nurseries. Do not exceed 61.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - HEAD AND STEM Subgroup 5A

Broccoli; Chinese Broccoli (gai lon); Brussels Sprouts; Cabbage; Chinese Cabbage (napa); Chinese Mustard Cabbage (gai choy); Cauliflower; Cavalo Broccolo; Kohlrabi; all Cultivars and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot *(Alternaria spp.)* Downy mildew *(Peronospora parasitica)* Pin rot *(Alternaria spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - LEAFY GREENS Subgroup 5B

Broccoli Raab; Chinese Cabbage (bok choy); Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens; all Cultivars and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black spot *(Alternaria spp.)* Cercospora leaf spot *(Cercospora spp.)* White rust *(Albugo candida)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot *(Rhizoctonia solani)*	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BULB VEGETABLES, Crop Group 3-07

Garlic; Leek; Bulb Onion (Chinese onion (bulb); daylily (bulb); fritillaria (bulb); garlic (bulb); great-headed garlic (bulb); lily (bulb); onion (bulb); pearl onion; potato onion (bulb); serpent garlic (bulb); shallot (bulb)]; Green Onion [Beltsville bunching onion; Chinese chive (fresh leaves),chive (fresh leaves); elegans hosta; fresh onion; fritillaria (leaves); green onion; kurrat; lady's leek; leek; macrostem onion; shallot (fresh leaves); tree onion (tops); Welsh onion (tops); wild leek]; all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Cladosporium leaf blotch *(Cladosporium allii)* Purple blotch *(Alternaria porri)* Rust *(Puccinia allii)*	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use the higher rates for adequate control. An adjuvant may be added at label specified rates. Test mixtures of this product with insecticides and silicone adjuvants for crop safety before applying to the crop. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Botrytis leaf blight *(Botrytis aclada)* Downy mildew *(Peronospora destructor)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Rhizoctonia damping-off *(Rhizoctonia solani)*	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For in-furrow applications, direct the spray into the furrow just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CANOLA *

*** See Application Directions for Oilseed Crop Group 20 for additional information**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria blackspot *(Alternaria spp.)* Blackleg *(Lepfosphaeria maculans)* Sclerotinia stem rot *(Sclerotinia sclerofiorum)*	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl oz of this product at early bud followed by 14.0 fl oz at about 45 days before harvest. A third application of 7.0 fl oz may be made 30 days before harvest. Specifically for blackleg, apply at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, apply 9.0-15.5 fl oz at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease development. For control of Alternaria alone, apply 8.0 fl oz at pod stage (approximately 95% petal fall). Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 30 Days.		

CARROT *

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Early blight *(Cercospora carofae)* Late blight *(Alternaria dauci)* White mold *(Sclerotium rolfsii)* ***For additional diseases, see Application Directions for Root Vegetables Subgroup 1A**	9.0-20.0 (0.15-0.33)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CELERY *

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Early blight (*Cercospora apii*) Late blight (*Septoria apicola*) *For **additional diseases, see Leafy Vegetables** (except **Brassica**)	9.0-15.5 (0.15-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CEREALS
Barley, Oats, Rye

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Kernel Blight (*Alternaria* spp.) Leaf Rust (*Puccinia hordei*)	6.0-12.0 (0.10-0.20)	Apply this product prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, use sufficient water volume to provide thorough coverage. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. For chemigation, apply in 0.1 to 0.25 inch of water per acre. Chemigation with an excessive amount of water may reduce efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Barley Stripe (*Drechslera graminea* = *Pyrenophora graminea*) Net blotch (*Pyrenophora teres*)	9.0-12.0 (0.15-0.20)	
Powdery Mildew (*Erysiphe graminis f. sp. hordei*) Stagonospora blotch (*Stagonospora nodorum*)	12.0 (0.20)	
Use Limitations: Do not apply later than Feekes growth stage 10.54. Do not exceed 24.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days – forage, hay and grazing.		

CHRISTMAS TREES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Diplodia tip blight *(Diplodia pinea)* Lophodermium needlecast *(Lophodermium pinastri)* Swiss needlecast *(Phaeocryptopus gaumannii)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products.		

CITRUS FRUIT, Crop Group 10-10

Australian Desert Lime; Australian Finger-Lime; Australian Round Lime; Brown River Finger Lime; Calamondin; Citron; Citrus Hybrids; Grapefruit; Japanese Summer Grapefruit; Kumquat; Lemon; Lime; Mediterranean Mandarin; Mount White Lime; New Guinea Wild Lime; Orange (sour and sweet); Pummelo; Russell River Lime; Satsuma Mandarin; Sweet Lime; Tachibana Orange; Tahiti Lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliate Orange; Uniq Fruit; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Albinism *(Alternaria alternata pv citri)* Alternaria leaf and fruit spot *(Alternaria citri)* Cercospora leaf spot *(Cercospora spp.)* Diplodia stem-end rot *(Diplodia natalensis)* Greasy spot *(Mycosphaerella citri)* Melanose *(Diaporthe citri)* Penicillium Decays Green mold, Whisker mold, Suppression of Blue mold *(Penicillium spp.)* Phomopsis stem-end rot *(Phomopsis citrii)* Post bloom fruit drop (PFD) *(Colletotrichum acutatum)* Powdery mildew *(Erysiphe spp.)* Scab *(Elsinoe fawcettii)* Sweet Orange Scab *(Elsinoe australis)*	12.0-15.5 (0.20-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, use the higher application rates. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a horticultural spray oil to improve control of greasy spot. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) applications of this product or other Group 11 fungicide per season.
Black Spot *(Guidnardia citricarpa)*	9.0-15.5 (0.15-0.25)	
For Pummelo and Citrus Hybrid - Uniq fruit only **Soil Borne Diseases** Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.
Do not use this product in citrus plant propagation nurseries.

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Citrus Fruit Crop Group 10-10 (Continued) **Post Harvest Applications:** Penicillium Decays Green mold, whisker mold, Suppression of blue mold (*Penicillium* spp.) Diplodia stem-end rot (*Diplodia natalensis*) Phomopsis stem-end rot (*Phomopsis citri*)	**See Application Directions column**	Apply as a dip, drench, flood, or spray. High volume (dilute) applications: Mix 32-64 fl oz in 25-100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Use T-Jet, flooders, or similar application systems. Low volume (concentrate) applications: Mix 32-64 fl oz in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Apply to 250,000 pounds of fruit. Use a controlled droplet type applicator or similar system. Dip applications: Mix 32-64 fl oz in 100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Dip fruit for 30 seconds and allow to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
Use Limitations: Do not make more than 2 post harvest applications to citrus fruit. Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.		

CLOVER (and Stands Containing Clover)*

*** See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay), Crop Group 18**

CORN

Field, Pop, Sweet (Including Seed Production)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Rust *(Puccinia sorghi)*	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply this product at the onset of disease. A second application may be required 14 days later if disease pressure persists. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines, Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
Anthracnose leaf blight *(Colletotrichum graminicola)* Eye spot *(Aureobasidium zeae)* Gray leaf spot *(Cercospora sorghi)* Northern corn leaf blight *(Setosphaeria turcica)* Northern corn leaf spot *(Cochliobolus carbonum)* Southern corn leaf blight *(Cochliobotus* heterostrophus)	6.0-15.5 (0.10-0.25)	
Early Application (V4 – V8)	6.0 (0.10)	This product may be applied early (V4 – V8) for early season disease control and beneficial physiological benefits.
Soilborne Diseases Rhizoctonia root and stalk rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days.		

COTTON

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Glomerella gossypii*) Ascochyta Blight (*A. gossypii*) Boll Rot (*A. gossypii*) Cotton Rust (*Puccinia schedonnardi*) Hardlock (*Fusarium verticillioides*) Southwestern Cotton Rust (*Puccinia cacabata*)	6.0-9.0 (0.1-0.15)	For optimum disease control, begin applications prior to or in the early stages of disease development. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively. Target the first application at approximately pinhead square to first bloom to protect the plant from diseases. Make subsequent application(s) at 14- to 21-day intervals. An additional application may be made depending on environmental conditions and the health of the cotton plant. Under poor environmental conditions conducive to seedling disease and poor cotton growth, treat early season cotton to suppress damping-off and other diseases which result in plant stand loss. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Pythium seedling blight (*Pythium aphanidermatum*) Rhizoctonia seedling blight (*Rhizoctonia solani*)	**In-Furrow Application** 0.4-0.8 fl oz/1000 row ft (0.10-0.20 oz. a.i. per 1000 row ft)	Apply this product as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to favor disease development, if the field has a history of Pythium infections, or if minimum/low till programs are in place. Refer to the **SOILBORNE/SEEDLING DISEASE CONTROL** section for table illustrating total fluid ounces per acre with various row spacings.
Use Limitations: Do not exceed 27 fl oz of this product/Acre per season as a foliar spray. Pre-harvest Interval (PHI) = 45 Days.		

CRANBERRY
Low Growing Berry Subgroup 13-07H (except Strawberry)

Bearberry; Bilberry; Blueberry (lowbush); Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cottonball *(Monilinia oxycocci)* Fruit rots *(Physalospora vaccinii)* *(Glomerella cingulata)* *(Coleophoma empetri)* Lophodermium twig blight *(Lophodermium* spp.)	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom and repeat at 7- to 14-day intervals if conditions favor disease development. Apply by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fairy ring (suppression) (*Psilocybe* spp.)	15.5 (0.25)	Make the first application at bud break. Apply at a rate equivalent to 15.5 fl. oz/Acre in 30-100 gallons of water to the affected area (measure the ring diameter and add 10 feet to that diameter). Irrigation (1-2 hours) following application will help ensure penetration to the base of the plant. If needed, make another application 2-4 weeks later. For ground application, ensure adequate water volume for thorough canopy penetration.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 3-Days.
Do not treat cranberry fields used for aquaculture of fish and crustacea.
Do not apply to flooded crop.
Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.

CUCURBIT VEGETABLES, Crop Group 9

Cantaloupe; Chayote; Chinese-Waxgourd; Cucumber; Gourds; Honeydew Melon; *Momordica* spp. (bitter melon, balsam apple); Muskmelon; Watermelon; Pumpkin; Squash; Zucchini; Varieties, Cultivars and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum lagenarium*) Belly rot (*Rhizoctonia solani*) Downy mildew (*Pseudoperonospora cubensis*) Gummy stem blight (*Didymella bryoniae*) Leaf spots (*Alternaria* spp., *Cercospora* spp.) Myrothecium canker (*Myrothecium roridum*) Plectosporium blight (*Plectosporium tabacinum*) Powdery Mildew (*Sphaerotheca fuliginea*), (*Erysiphe cichoracearum*) Ulocladium Leaf Spot (*Ulocladium cucurbitae*)	6.0-15.5 (0.10-0.25)	For downy mildew and powdery mildew, make preventative applications at 5- to 7-day intervals. For belly rot control, make the first application at the 1-3 leaf crop stage with a second application just before vines tip over or 10-14 days later, whichever occurs first. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not tank mix this product with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants. Do not tank mix this product with malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Soilborne diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 1 Day.		

FRUITING VEGETABLES – PEPPER / EGGPLANT Subgroup 8-10B *

African Eggplant; Belt Pepper; Eggplant; Martynia; Nonbell Pepper; Okra; Pea Eggplant; Pepino; Roselle; Scarlet Eggplant; Cultivars, Varieties, and/or Hybrids of these

For use on tomatoes, see crop specific Application Directions for Tomato Subgroup 8-10A

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Powdery Mildew (*Sphaerotheca* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne diseases Rhizoctonia seedling rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 61.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 0 Day.		

GRAPE and Other SMALL FRUIT VINE CLIMBING Subgroup 13-07F (except Fuzzy Kiwifruit)

Amur River Grape; Gooseberry; Grape; Kiwifruit (hardy); Maypop; Muscadines; Schisandra Berry; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black rot (*Guignardia bidwellii*) Downy mildew (*Plasmopara viticola*) Phomopsis cane and leaf spot (*Phomopsis viticola*) Powdery mildew (*Uncinula necafor*) **Suppression Only:** Botrytis bunch rot (*Botrylis cinerea*)	10.0-15.5 (0.16-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** This product is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). DO NOT spray this product where spray drift may reach apple trees, DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14-Days.		

GRASSES (Grown for Seed)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Ergot Stem Diseases Powdery mildew (*Erysiphe graminis*) Rust (*Puccinia* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing products. Do not feed treated straw, seed, or screenings to livestock. Pre-harvest Interval (PHI) = 8 Days.		

HERBS & SPICES (Except Black Pepper), Crop Group 19

Allspice; Angelica; Anise (seed); Anise (star); Annatto (seed); Balm; Basil; Borage; Burnet; Camomile; Caper (buds); caraway; Caraway (black); cardamom; Cassia Bark; Cassia Buds; Catnip; Celery Seed; Chervil (dried); Chinese Chive; Chive; Cinnamon; Clary; Clove Buds; Coriander Leaf (cilantro or Chinese parsley); Coriander Seed (cilantro); Costmary; Culantro (leaf); Culantro (seed); Cumin; Curry (leaf); Dill (dillweed); Ditt (seed); Fennel (common); Florence Fennel (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper Berry; Lavender; Lemongrass; Lovage (leaf); Lovage (seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper (black and white); Poppy (seed); Rosemary; Rue; Saffron; Sage; Savory (summer and winter); Sweet Bay; Tansy; Tarragon; Thyme; Vanilla; Wasabi, Wintergreen; Woodruff; Wormwood

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Corynespora blight (*Corynespora cassiicola*) Dill blight (*Cercosporidium punctum*) Phoma blight (*Passalora puncta*)	6.0-15.5 (0.10-0.25)	Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines. Apply by ground only. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fusarium Rhizome and Root Rot (*Pythium* spp.)	6.2-15.4 (0.10-0.25)	**For Wasabi only**: Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines. Apply by ground or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

LEAFY VEGETABLES (Except Brassica)

Amaranth, Arugula, Cardoon, Celery, Celtuce, Chervil, Chrysanthemum (edible), Coriander leaves (Cilantro), Corn salad, Cress, Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard, Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Allemaria sonchi, A.* spp.) Anthracnose *(Microdochium panattonianum, Collefotrichum dematium)* Cercospora leaf spot (*Cercospora* spp.) Septoria leaf spot (*Sepforia petroselini*) White rust *(Albugo occidentalis)*	6.0-15.5 (0.10-0.25)	For downy and powdery mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** Applications of this product to leafy vegetable foliage may contribute to foliar phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating any leafy vegetable crops with this product. When treating leaf lettuce, do not tank mix this product with AMBUSH® WP, Pounce® WP, Aliette®, Warrior® with Zeon ™ Technology, or any other product that may increase the penetration of this product into the leaf surface such as, but not limited to, silicone wetters.
Downy mildew *(Bremia lactucae)* Powdery *mildew* *(Eyrisiphe cichoracearum)*	12.0-15.5 (0.20-0.25)	
Soilborne Diseases Web blight, Bottom rot, Crater rot, Root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/ 1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

LEGUME VEGETABLES, DRY AND SUCCULENT **
and
LEGUME VEGETABLES, FOLIAGE OF ANY CULTIVAR OF BEAN (*Phaseolus* spp.) & FIELD PEA (*Pisum* spp.)

Bean *(Lupinus* spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin)
Bean *(Phaseolus* spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)
Bean *(Vigna* spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)
Broad bean (fava bean) *(Vicia faba)*
Chickpea (garbanzo bean), *(Cicer arietinum)*
Guar *(Cyamopsis tetragonoloba)*
Jackbean *(Canavalia ensiformis)*
Lablab bean (hyacinth bean) *(Lablab purpureus)*
Lentil *(Lens esculenta)*
Pea *(Pisum* spp.) (includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea)
Pigeon pea *(Cajanus cajan)*
Sword bean *(Canavalia gladiata)*

**For use on soybeans, refer to the crop specific Application Directions for SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Bean rust *(Uromyces appendiculatirs*	6.0 (0.10)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For rust, use of a non-ionic surfactant is recommended. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Alternaria blight *(Alternaria* spp.) Alternaria leaf spot *(Alternaria alternata)* Anthracnose *(Colletotrichum lindemuthianum)* Ascochyta blight *(Mycosphaerella pinodes)* Ascochyta leaf and pod spot *(Ascochyta* spp.) Ascochyta leaf spot *(Ascochyla phaseolorum)* Rust *(Phakopsora* spp.) Southern blight *(Sclerotium rolfsii)* Web blight *(Rhizoctonia solani)*	6.0-15.5 (0.10-0.25)	
Soil Borne Diseases Rhizoctonia root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. This product may be applied to the furrow and covering soil at planting time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur. If using a narrow spray as an in-furrow spray, direct the spray stream to the soil next to the seed but not directly on the seed. **Note:** Conduct a seed safety test with your crop before making in-furrow applications.

Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI): Dry bean and dry pea seeds - PHI = 14-Days Succulent beans and peas - PHI = 0 Day For use on soybeans, please refer to the soybean crop directions for use.

MINT

Fresh or for Processing into Mint Oil

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Powdery mildew *(Erysiphe spp.)* Rust *(Puccinia menthae)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI): Fresh mint - PHI = 0-Day Processed mint – PHI = 7 Days		

NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY), Crop Group 18

For pure/mixed stands of the following or stands mixed with grasses: Alfalfa; Bean (velvet); Clover (*Trifolium* spp., *Melilotus* spp.); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Vetch (crown); Vetch (milk)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot (*Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew (*Oidium* spp.), (*Erysiphe* spp.) Rust (Phakopsora spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended. For management of outbreaks of Asian soybean rust and other Puccinia species on alternate host species such as kudzu, lespedeza, trefoil, and vetch, apply this product to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and university extension agents for the latest advice. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 15.5 fl oz of this product (0.25 lb a.i.) per acre per cutting. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days for grazing and harvest of forage and hay Do not use on rangeland.		

OILSEED CROPS, Crop Group 20

Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold Of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot (*Alternaria* spp.) Downy mildew (*Plasmopora halstedii, Plasmopora helianthi*) Pasmo (*Septoria linicola garass*) Sunflower Rust (*Puccinia helianthi*)	6.0-15.5 (0.10-0.25)	Apply 6.0 fl oz of this product at early bud followed by 14.0 fl oz about 45 days before harvest. Make a third application of 7.0 fl oz 30 days before harvest. Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27 fl oz of product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 30 Days.		

PEANUT

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Soil-borne diseases – early season (in-furrow application) Aspergillus crown rot *(Aspergillus niger)* Pythium damping-off *(Pythium spp.)* Stem rot / White mold suppression *(Sclerotium rolfsii)*	0.4-0.8 fl oz/1000 row ft	Apply this product in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Soil-borne diseases – mid-late season Rhizoctonia peg and pod rot *(Rhizoctonia solani)* Stem rot / White mold *(Sclerotium rolfsii)* **Suppression only:** Cylindrocladium black rot *(Cylindrocladium crotalariae)* Pythium pod rot *(Pythium myriotylum)*	12.0-24.5 (0.20-0.40)	Apply this product as a foliar spray approximately 60 and 90 days after planting. Make both applications earlier in the season if environmental conditions favor disease development. These applications will provide protection against soil borne diseases as well as control of listed foliar diseases for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is high rainfall and/or irrigation, use 18.5-24.5 fl oz/Acre. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl oz/Acre. For control of Pythium, a rate of 24.5 fl oz/Acre is required. Follow with applications of other fungicides at 10- to 14-day intervals to provide season-long control of leaf spot diseases. Apply by ground, air, or chemigation, An adjuvant may be added at label specified rates.
Foliar diseases Early leaf spot *(Cercospora arachidicola)* Late leaf spot *(Cercosporidium personatum)* Rust *(Puccinia arachidis)* Web blotch *(Phoma arachidicola)*	6.0-18.5 (0.10-0.30)	For foliar disease control only, treat at a reduced rate of 6.0 to 18.5 fl oz/Acre at 10- to 14-day intervals. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of product/Acre per season. Do not exceed the equivalent of 0.80 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

PECANS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Glomerella cingulata)* Scab *(Cladosporium caryigenum)*	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

PISTACHIOS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria late blight *(Alternaria alternata)* Botryosphaeria panicle and shoot blight *(Botryosphaeria dothidea)* Septoria leaf spot *(Septoria pistaciarum)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

POTATOES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black dot *(Colletotrichum coccodes)* Early Blight *(Alternaria solani)* Late Blight *(Phytophthora infestans)* Powdery mildew *(Erysiphe cichoracearum)*	6.0-20.0 (0.10-0.33)	Early blight • Apply 6.2 fl oz product/Acre and repeat at 7-day intervals. **OR** • Apply 12.0 fl oz product/Acre and repeat at 14-day intervals. Late blight - Apply 12.0 fl oz product/Acre and repeat at 7-day intervals. Initiate late blight applications as a preventive treatment according to local practices. If late blight symptoms appear or conditions favor disease development, switch immediately to a non-Group 11 fungicides and repeat applications at 5-day intervals. Adding a spreader/sticker to the spray mixture may improve coverage. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Apply by ground, air, or chemigation. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Black dot *(Colletotrichum coccodes)* Black scurf *(Rhizoctonia solani)* Silver scurf *(Helminthosporium solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

RICE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Sheath/Stem Diseases Sheath Blight *(Rhizoctonia solani)*	6.0-18.5 (0.10-0.30)	Apply this product by ground, air, or chemigation prior to disease development. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For sheath blight control, application rates may vary from 9.0 to 12.0 fl oz/A depending on the growth stage of the rice and the severity of the disease. For other stem/sheath diseases including aggregate sheath spot, black sheath rot, sheath spot, and stem rot, apply when disease is less than 4 inches above water line, usually between panicle differentiation (PD) +5 days to (PD) +10 days, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application. For foliar and panicle diseases, apply this product prior to disease development. For blast control, apply as a preventive treatment before favorable conditions for blast development. For panicle blast, make the first application at mid-boot to boot-split but prior to full head emergence. Make a second application when panicles are approximately 60-90% emerged from the boot (7-14 days later). For panicle blast on continuous rice acreage (no rotation to other crops), no more than two (2) sequential foliar applications of this product or other Group 11 fungicides should be made over multiple years before alternating with a fungicide that has a different mode of action. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides per acre per season.
Aggregate Sheath Spot *(Cerafobasidium oryzae-safivae = Rhizoctonia oryzae-safivae)* Black Sheath Rot *(Gaeumannomyces graminis var. graminis)* Sheath Spot *(Rhizoctonia oryzae)* Stem Rot *(Magnaporthe salvinii = Sclerotium oryzae = Nakafeae sigmoidea)*	9.0-18.5 (0.15-0.30)	
Foliar Diseases Brown leaf spot *(Cochliobolus miyabeanus)* Leaf smut *(Entyloma oryzae)* Narrow brown leaf spot *(Cercospora janseana = Cercospora oryzae)*		
Panicle Diseases Kernel smut *(Tilletia barclayana = Neovossia barclayana)* Panicle blast *(Pyricularia grisea)*		

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

ROOT VEGETABLES Subgroup 1A
and
LEAVES OF ROOT AND TUBER VEGETABLES, Crop Group 2

Beet (garden and sugar) [1,2]; **Burdock (edible)** [1,2]; **Carrot** [1,2]; **Cassava (bitter and sweet)** [1]; **Celeriac (celery root)** [1,2]; **Chervil (turnip-rooted)** [1,2]; **Chicory** [1,2]; **Dasheen (taro)** [1]; **Ginseng** [2]; **Horseradish** [2]; **Parsley (turnip-rooted)** [2]; **Parsnip** [1,2]; **Radish** [1,2]; **Radish (oriental (daikon))** [1,2]; **Rutabaga** [1,2]; **Salsify** [2]; **Salsify (black)** [1,2]; **Salsify (Spanish)** [2]; **Skirret** [2]; **Sweet Potato** [1]; **Tanier** [1]; **Turnip** [1,2]; **Yam (true)** [1]

[1] Leaves of root and tuber vegetables, crop group 2

[2] Root vegetables subgroup 1A

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces befae, Puccinia helianthi)* White rust *(Albugo fragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora befae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular Spot, Southern blight *(Sclerotium rolfsii)* Pythium root rot *(Pythium aphanidermatum)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For sugar beets, make 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of this product with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. Do not apply in-furrow if cool soil conditions are expected after planting which could result in an extended period of plant emergence. If using this product at planting, do not use a starter fertilizer with it.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Minimum application volume for in-furrow sprays: 10 GPA. Pre-harvest Interval (PHI) = 0 Day.		

SORGHUM

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum graminicola)* Gray leaf spot *(Cercospora sorghi)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are favorable for severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Damping-off *(Rhizoctonia solani, Pythium aphanadermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: For grain and stover, do not exceed 46 fl oz of this product/Acre/season or the equivalent of 0.75 lb a.i./Acre/season from any azoxystrobin-containing products. For forage, do not exceed 31 fl oz of this product/Acre per season or the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days.		

SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Aerial blight *(Rhizoctonia solani)* Alternaria leaf spot *(Alternaria spp.)* Anthracnose *(Colletotrichum truncatum)* Brown spot *(Septoria glycines)* Cercospora blight and leaf spot *(Cercospora kikuchii)* Frogeye leaf spot *(Cercospora sojina)* Pod and stem blight *(Diaporthe phaseolorum)* Rust *(Phakopsora spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are conducive to severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended. Soybean rust: Use this product at 4.0 fl oz/Acre when tank mixed with a triazole fungicide registered for use on soybean. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia solani *(Rhizoctonia solani)* Southern blight *(Sclerotium rolfsii)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Do not make more than one application at 15.5 fl oz (0.25 lb a.i.) of product/Acre to soybean forage and hay.
Pre-harvest Interval (PHI):
Soybean (bean) - PHI = 14 Days
Soybean forage and hay – PHI = 0 Day.

STONE FRUIT

Apricot, Cherry (sweet, tart), Nectarine, Peach, Plum, Plumcot, Prune

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria spot and Fruit rot *(Alternaria alternata)* Anthracnose *(Colletotrichum prunicola, C. gloeosporioides)* Leaf rust *(Tranzschelia discolor)* Powdery mildew *(Sphaerotheca pannosa, Podosphaera clandestine)* Scab *(Cladosporium carpophilum)* Shot Hole *(Wilsonomyces carpophilus)*	6.0-15.5 (0.10-0.25)	For scab control, begin applications at petal fall and continue at 7- to 14-day intervals. For peaches only, apply 9.0-15.5 fl oz of this product. For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, apply this product to fruit up to the day of harvest.. For all other diseases, begin applications at the onset of disease as a protectant fungicide and continue at 7- to 14-day intervals. Apply this product by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown rot blossom blight and Fruit rot *(Monilinia fructicola, M. laxa)*	12.0-15.5 (0.20-0.25)	

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

SUGARCANE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Rust *(Puccinia , melanocephela)* Orange Rust *(Puccinia kuehnii)*	9.0-12.0 (0.15-0.20)	Begin applications prior to rust development and continue throughout the season at 14- to 28 -day intervals following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For ground applications, apply in sufficient water volume for adequate coverage and canopy penetration. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per acre per year.

Use Limitations:
Do not exceed 49 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 30 Days.
For aerial application, the minimum application volume is 5 GPA.

TOBACCO

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Blue mold (*Peronospora tabacina*) Frogeye leaf spot (*Cercospora nicotianae*) Target spot (*Rhizoctonia solani*)	6.0-12.0 (0.1-0.2)	Begin applications prior to disease development or at first indication that blue mold is in the area. Do not apply this product as a curative treatment. Apply at 7- to 14-day intervals. Use the shorter intervals when conditions are conducive to disease development. Apply by ground, air, or chemigation. For ground applications, use sufficient water volume for adequate coverage and canopy penetration. For aerial applications, apply in volumes of 10-15 GPA. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **NOTE:** This product may enhance weather flecking on the leaves of certain tobacco types. This does not affect yield and quality.

Use Limitations:
Do not exceed 32 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.52 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.
Do not apply on greenhouse seedlings.
Do not tank mix with Thiodan.
Tank mixing this product with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents may cause some crop injury.

TOMATO Subgroup 8-10A

Bush Tomato; Cocona; Currant Tomato; Garden Huckleberry; Goji Berry; Groundcherry; **Naranjilla; Sunberry; Tomatillo; Tomato; Tree Tomato; Cultivars, Varieties, and/or Hybrids of these**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Collefotrichum coccodes)* Black mold *(Alternaria alternafa)* Buckeye rot *(Phytophthora spp.)* Early blight *(Alternaria solani)* Powdery Mildew *(Oidiopsis sicula)* Septoria Leaf Spot *(Septoria lycopersici)* Target spot *(Corynespora cassiicola)*	5.0-6.2 (0.08-0.10)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For late blight, apply this product at 5- to 7- day intervals. For all other tomato diseases, make applications at 7- to 21-day intervals. Use of adjuvants may result in severe phytotoxicity. Do not exceed 0. t25% adjuvant (v/v). Thank mixtures with dimethoate may cause phytotoxicity. For fresh market tomatoes, do not use adjuvants or tank mix this product with other pesticides formulated as emulsifiable concentrates (EC). Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Late Blight *(Phytophthora infestans)*	6.2 (0.10)	

Use Limitations:
Do not exceed 37 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.6 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

TREE NUTS **

Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Walnut

**** See also crop specific application directions for almonds and pistachios**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf and fruit spot (*Alternaria alternata*) Anthracnose (*Colletotrichum acutatum, Glomerella cingulata*) Blossom Blight (*Monilinia laxa, M. fructicola*) Eastern filbert blight (*Anisogramma anomala*) Late blight (*Alternaria alternata*) Scab (*Cladosporium carpophilum*) Septoria leaf spot (*Septoria pistaciarum*) Shothole (*Wilsonomyces carpophilus*)	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

TROPICAL FRUIT

Acerola, Atemoya, Avocado, Biriba, Canistel, Cherimoya , Custard Apple, Dragon Fruit, Feijoa, Guava, Ilama, Jaboticaba, Jackfruit, Longan, Loquat, Lychee, Mango, Papaya, Passionfruit, Pawpaw, Persimmon, Pulasan, Rambutan, Sapodilla, Sapote (black, mamey, white), Soursop, Star Appte, Starfruit, Sugar Appte, Spanish Lime, Tamarind

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Cercospora leaf spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe* spp.) Rust (*Puccinia* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Follow the resistance management guidelines in the Resistance Management section. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

TUBEROUS AND CORM VEGETABLES Subgroup 1C

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna, Cassava (edible, bitter, sweet), Chayote (root), Chufa, Dasheen (Taro), Ginger, Leren, Potato, Sweet Potato, Tanier, Turmeric, Yam (bean, true)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces betae, Puccinia helianthi)* White rust *(Albugo tragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7- day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora betae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular spot, Southern blight *(Sclerotium rolfsii)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)* Pythium root rot *(Pythium aphanidermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Day.		
Post Harvest Applications: Silver Scurf *(Helminthosporium solani)* Fusarium Dry Rot *(Fusarium spp.)* Late Blight *(Phytophthora infestans)* Pink Rot *(Phytophthora erythroseptica)*	0.6 fl oz/ ton of tubers	In-Line Aqueous Spray Application: ♦ Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated. ♦ Mix the fungicide solution in an appropriate amount of water for the crop being treated. ♦ Use T-jet, CDA, or similar application system.
Use Limitations: Do not make more than one post-harvest application to the tubers. Do not use on seed potatoes or seed pieces. Ensure the spray solution remains in suspension by using agitation		

WATERCRESS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cercospora leaf spot *(Cercospora spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 93.2 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

WHEAT, TRITICALE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Leaf Rust *(Puccinia triticina = recondita f.sp. tritici)* Septoria leaf and Glume blotch *(Septoria trifici, Septoria nodorum)* Stem Rust *(Puccinia graminis)* Stripe Rust *(Puccinia striiformis)* Tan Spot *(Pyrenophora tritici-repentis)*	4.0-12.0 (0.07-0.20)	Apply this product prior to disease development. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicide per season.
Powdery Mildew *(Erysiphe graminis)*	7.5-11.0 (0.125-0.175)	
Use Limitations: Do not apply after Feekes 10.54. Do not exceed 24.6 fl oz of product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI): Forage and hay – PHI = 7 Days; Grazing – PHI = 14 Days.		

WILD RICE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Spot (*Bipolaris oryzae* or *Bipolaris sorokiana*) Also known as *Helminthosporium oryzae* and *H. sativum* Stem Rot (*Nakataea sigmoidea*)	12.5-15.5 (0.20-0.250)	Apply this product prior to disease development. Apply by ground, air, or chemigation. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For foliar diseases, apply this product prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicides per season.

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

RATE CONVERSION CHART

Fluid Ounces Product/Acre	Pounds a.i./Acre	Treated Acres/Gallon Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **"NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type/size."

[Nonrefillable Containers 5 Gallons or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse **as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Refillable containers larger than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS OELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product and return it unopened to the Seller, and the purchase price will be refunded.

(RV082613)

Product ingredient source information may be entitled to confidential treatment

Form approved. OMB NO. 2070-0060. Approval Expires 1-30-93

United States Environmental Protection Agency
Washington, D.C. 20460

EPA

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
Nufarm Americas Inc. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560	228-TEN
	Product Name NUP-08099
	Date of Confidential Statement of Formula (EPA Form 8570-4) **Basic CSF (dated 08-26-2013)**

As an authorized representative of the applicant for registration of the product identified above, I here certify that:

(1) This product contains the following active ingredient(s):

AZOXYSTROBIN

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging of another product which contains that active ingredient, which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA Form 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula *(CSF) (EPA Form 8570-4)* referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

	Source	
Active Ingredient	**Product Name**	**Registration Number**
Azoxystrobin	[redacted]	[redacted]

Signature	Name and Title	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	August 26, 2013

EPA Form 8570-27 (Rev. 7-91) White - EPA copy Yellow - Applicant copy

Malone, Erin

From: danielle.larochelle@us.nufarm.com
Sent: Monday, August 26, 2013 5:15 PM
To: Malone, Erin
Subject: Re: Revisions needed for 228-TEN
Attachments: 000228-00TEN.20130826.NUP-08099_New EP.pdf; 000228-00XXX.20130826.NUP-08099.CSF_Basic.pdf; 000228-00TEN.20130826.FormExpt_Form 8570-27.pdf

Hi Erin,

Attached are the labeling revisions you requested as well as the revised CSF and Formulator's Exemption form
Just one comment regarding the use directions for bananas and plantains: the post-harvest use on the me-too label (100-1098) is in a separate section immediately after the Rate Conversion Chart (page 58 of the label in PPLS - or EPA pagination 62/69). I have therefore left the post-harvest use directions on the proposed label.

OK

Let me know if I missed anything.

Regards,

Danielle

Danielle A. Larochelle - Nufarm Americas Inc.
Regulatory Affairs Manager
4020 Aerial Center Parkway, Suite 101; Morrisville, NC 27560
☎: (919) 379-2530; Cell: (919) 500-0925
✉: danielle.larochelle@us.nufarm.com

From: "Malone, Erin" <Malone.Erin@epa.gov>
To: "danielle.larochelle@us.nufarm.com" <danielle.larochelle@us.nufarm.com>,
Date: 08/22/2013 04:31 PM
Subject: Revisions needed for 228-TEN

Danielle,

I am looking over the application package for NUP-08099 which has a pre-decisional due date of 9/23. I have a few minor revisions that I need to the label and CSF to have it submitted to my PM in time for the PDDD. An electronic label is attached with my requested revisions to the label. I also need box 6 of the CSF to be revised to state New Zealand, not the US. Please submit a revised date on that CSF as well (with a matching formulator's exemption). Let me know if you need any clarifications of anything.

Also, I will be on vacation the second week of September so it would be great to have this to my PM before then, if possible.

Thanks so much,
Erin

Erin Malone
Risk Manager
EPA/OCSPP/OPP/RD/FB
(703) 347-0253
[attachment "10_000228-00XXX.20130510.NUP-08099I_New EP.EPA Comments.pdf" deleted by Danielle Larochelle/US/Nufarm]

Group 11 Fungicide

NUP-08099

Broad spectrum fungicide for the control of plant diseases.
For Control of Certain Post Harvest Diseases in Banana and Citrus

ACTIVE INGREDIENT	
Azoxystrobin (methyl (E)-2-(2-[6-(2-cyanophenoxy]pyrimidin-4-yloxy]-phenyl)-3-methoxyacrylate	22.8%
OTHER INGREDIENTS	77.1%
TOTAL	100.0%

Contains 2.08 pounds of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION / PRECAUTIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE LABEL BOOKLET FOR FIRST AID AND PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-XXX
EPA Est. No. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.
11901 S. AUSTIN AVENUE
ALSIP, IL 60803

Nufarm

NET CONTENTS: _____]Gal.) (_____ liters)

]Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

000228-00XXX.20130510.NUP-08099_New EP

Summary of Comments on
10_000228-00XXX.20130510.NUP-08099l_New EP.EPA Comments.pdf

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Author: emalone Subject: Pencil Date: 2/22/2013 1:1 1:58 PM

Author: emalone Subject: Pencil Date: 2/22/2013 2:27:41 PM
Delete period

FIRST AID	
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (877) 325-1840 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCTION

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (**40 CFR** 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Notify State and/or Federal authorities and Nufarm immediately if you observe any adverse environmental effects due to use of this product.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, MillCreek, Fairview, Girard, and Springfield.

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of d hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

PRODUCT INFORMATION

This product is a suspension concentrate (SC) or flowable formulation. It is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. This product may also improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to factors such as the crop, crop hybrid, or environment. This product may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. Make all applications according to the use directions on this label.

USE PRECAUTIONS AND LIMITATIONS

For resistance management purposes, do not use this product in greenhouses.

Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

ATTENTION

This product is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). Refer to SPRAY DRIFT MANAGEMENT information below.

DO NOT spray this product where spray drift may reach apple trees.

DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties.

Page: 3

Author: emalone Subject: Sticky Note Date: 8/12/2012 10:21:09 AM
Delete "b"

Author: emalone Subject: Highlight Date: 8/11/2012 10:21:00 AM

Author: emalone Subject: Sticky Note Date: 8/12/2012 10:24:05 AM
Revise to read "Do not use this product in greenhouses"

Author: emalone Subject: Highlight Date: 8/12/2012 10:23:47 AM

Author: emalone Subject: Highlight Date: 8/12/2012 10:24:10 AM

Author: emalone Subject: Highlight Date: 8/12/2012 10:27:11 AM

Author: emalone Subject: Sticky Note Date: 8/12/2012 10:11:40 AM
Increase size of font so that it is the same as the surrounding text

Page: 4

Author: emalone Subject: Highlight Date: 8/12/2013 10:13:45 AM

Author: emalone Subject: Sticky Note Date: 8/12/2013 10:17:11 AM
"days"

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather related factors determine the potential for spray drift.

DO NOT spray when conditions favor drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension agent for spray drift prevention guidelines in your area.

DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

ROTATIONAL CROP RESTRICTIONS

The following crops may be planted at the specified interval following application of this product.

Crop	Plantback Interval
Buckwheat Millet	12 months
All other crops with Azoxystropin registered uses	0 day

INTEGRATED PEST MANAGEMENT (IPM)

To reduce the potential for development of resistance, integrate this product into an overall disease and pest management strategy whenever the use of a fungicide is required. Follow cultural practices known to reduce disease development such as selection of disease-tolerant varieties, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult with your State Agricultural Experiment Station or Extension Service specialist for additional IPM strategies established for your area. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

Crop Tolerance: Plant tolerance has been found to be acceptable for all crops on the label. However, not all possible tank mixture combinations have been tested under all conditions. It is recommended to test tank mixture combinations on a small portion of the crop to assess plant response patora large scale applications. See the USE PRECAUTIONS AND LIMITATIONS section for apple phytotoxicity information.

RESISTANCE MANAGEMENT

This product is a Group 11 fungicide. The mode of action for azoxystrobin, the active ingredient in this product, is the inhibition of the Qo! (quinone outside) site within the electron transport system as well as disruption of membrane synthesis by blocking demethylation (Group 11). Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use this product in accordance with resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Nufarm Americas Inc. encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label with **Group 11 (Qo!)** fungicides.

Follow the crop specific resistance management recommendations provided in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo Qo! fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended Qo! fungicide sprays in mixture (tank-mix or formulated)	1	2	2	2	2	3	3	4	4	5	5	6

Page: 5

Author: emalone Subject: Sticky Note Date: 8/13/2011 10:39:05 AM
change to "seeds"

Author: emalone Subject: Highlight Date: 8/18/2011 10:39:34 AM

Under conditions requiring multiple fungicide applications, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, alternating with two or more applications of a fungicide that is not in Group 11 will help reduce the potential for resistance development. If more than 12 applications are made, observe the following guidelines:

- When a QoI fungicide is used as a solo product, make no more than 1/3 (33%) of the total number of fungicide applications per season with the QoI containing product.
- For programs including tank mixes or premixes of QoI fungicide with mixing partners of a different mode of action, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs including applications of QoI fungicides as both solo products and mixtures, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

SOILBORNE/SEEDLING DISEASE CONTROL

For crops that have specific use directions for soilborne disease control

This product can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the regional cultural practices. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

Banded application

Apply this product prior to infection as a directed spray to the soil using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants. Limit band width to 7 inches or less. Apply this product at a rate of 0.40-0.80 fl oz product (0.10-0.20 oz. a.i.) per 1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl oz per 1000 row feet. These applications come into contact with the foliage and are counted as foliar applications when considering resistance management. They may be applied during cultivation or hilling operations to provide soil incorporation.

In-furrow application

Apply this product as an in-furrow spray in 3-15 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate allowed when weather conditions are expected to favor disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

In-Furrow Application Rates

Rate per 1,000 Row Feet		Amount of Product per Acre (fl oz)						
fl oz product	oz a.i.	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft/A 32" = 16,315 row ft/A 36" = 14,520 row ft/A 40" = 13,068 row ft/A
30" = 17,424 row ft/A 34" = 15,374 row ft/A 38" = 13,754 row ft/A

Drip
Refer to the Instructions for Use through Irrigation Systems (Chemigation) section.

PRODUCT USE INSTRUCTIONS

Application: Thorough coverege is necessery to provide good disease control. Make no more sdray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: The use of an adjuvant mey improve consistency and performance of this product. Refer to crop specific directions for use for intormaiton regarding the uso of adjuvants.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications once the maximum amount of this product has been used. If resistant isolates to Group 11 fungicides are present, product performance may be reduced for certain diseases. When heavy infection prossure exists, when treating verieties highly susceptible to disease, or when environmental conditions are conducive to disease development, best results are obtained when using the higher rates and/or the shorter spray intervals eflowed in the crop specific use directions on this label..

MIXING AND APPLICATION INSTRUCTIONS

Spray Equipment
All types of spray equipment commonly used for ground and aerial applications may be used with this product. Propor adjustment and calibretion of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Nozzles
- Equip sprayers with nozzles that provide accurate and uniform application.
- Use nozzles that are the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- Use screens 16-mesh or coarser on the suction side of the pump.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the bump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's use guidelines.

Pump
- Use a pump with capacity to:
  a) Maintain 35 to 40 psi at nozzles.
  b) Provide sufficient agitation in tank to keep mixture in suspension. This requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayor manufacturers and state agricultural agency for advice. For specific local directions and spray schedules, consult your state agricultural agency for advice.

Spray Solution Preparation
- Proper mixing of this product with water requires use of a sprey tank equipped with agitation.
- Predare only the amount of spray solution required for immediate use. Do not allow spray mixture to stand overnight or for prolonged periods.
- Thoroughly clean spray equipment before preparing the spray solution.
- Maintain constant agitation throughout the spraying operation.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area

Stand-alone product solution:
- Add ½ to ⅔ of the required amount of water to a sprey or mixing tank and begin agitation.
- Add the specified amount of this product to the tank.
- Continue agitation while adding the remainder of the water and allow time for good dispersion.
- Begin application of the spray solution after the product has completely dispersed in the mix water and maintain agitation during spreying.

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Tank mixture with other products:

- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add tank mix partners to the tank in the following order: 1) wettable powder and water dispersible granule (WDG) formulations, 2) liquid flowables (aqueous suspensions), and 3) emulsifiable concentrates.
- Allow the material to completely dissolve and disperse into the mix water.
- Continue agitation while adding the remainder of the water and this product to the tank mix and allow time for good dispersion
- Begin application of the spray mixture while maintaining agitation.

Compatibility

This product is compatible with many pesticides and additives commonly used in tank mixtures. To determine the physical compatibility of this product with other products prior to full scale use, conduct a jar test as follows: Using a quart jar, add the proportionate amounts of the tank mixture components to 1 qt. of water. Add wettable powders and water dispersible granule (WDG) products first, then liquid flowables, and emulsifiable concentrates last. Mix thoroughly and let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been confirmed, use the same procedure for adding required ingredients to the spray tank.

NOTE: Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

INSTRUCTIONS FOR USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

- Use only on crops for which chemigation is specified on this label.
- Apply this product through 1) sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; 2) drip irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water
- Apply in 0.1-0.25 inches of water per acre. Excessive water may reduce efficacy
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Spray Preparation: Clean chemical tank and injector system thoroughly. Flush system with clean water.

Drip Irrigation: This product may be applied through drip irrigation systems for soil-borne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, delay subsequent irrigation (water only) for at least 24 hours following drip application.

Sprinkler Irrigation

Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. In general, use the least amount of water required for proper distribution and coverage. If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, inject this product into no more than the last 20-30 minutes of the set.

Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips. Do not apply when wind speed favors drift beyond the area intended for treatment.

Plant injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniformly treated water. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.

If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.

Operating Instructions:

1. Do not apply when wind speed favors drift beyond the area intended for treatment.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
9. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when applying this product through center pivot systems as it may result in non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8 to 1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying this product through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-85% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the spray solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant agitation of the spray solution during the injection period.
- Continue to operate the system until the spray solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 29 to 30-minute interval. When applying this product through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.

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- Stop injection equipment after treatment is completed. Continue to operate the system until the spray solution has cleared the last sprinkler head.

Specific Instructions for Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

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Author: emalone Subject: Sticky Note Date: 8/12/2013 11:36:24 AM
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Author: emalone Subject: Highlight Date: 8/12/2013 11:34:38 AM

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Author: emalone Subject: StickyNote Date: 8/12/2013 7:37:07 PM
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DIRECTIONS FOR USE

ALFALFA *

* See Application Directions for Hongrass Animal Feeds (Forage, Fodder, Straw and Hay) Crop Group 17

ALMONDS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf and fruit spot (*Alternaria alternata*) Anthracnose (*Colletotrichum acutatum*) Leaf Blight (*Seimatosporium lichenicola*) Leaf rust (*Tranzschelia discolor*) Scab (*Cladosporium carpophilum*) Shothole (*Wilsonomyces carpophilus*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use a minimum spray volume of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed as a result of non-uniform coverage. This product may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at label specified rates. For anthracnose, scab and shothole, begin applications prior to disease development and continue at 7- to 10- day intervals throughout the season. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than five (5) sequential applications of this product or other Group 7 fungicides before alternating with a fungicide that has a Different mode of action.
Brown Rot Blossom Blight (*Monilinia fava, M. fructicola*)	12.0-15.5 (0.20-0.25)	
Use Limitations Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 28 Days.		

ARTICHOKE, GLOBE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Ramularia leaf spot (*Ramularia cynarae*)	11.0-15.5 (0.18-0.25)	Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2 to 3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Apply by ground, air, or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, use a minimum of 5 gallons of water per acre. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

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Author: emalone Subject: Sticky Note Date: 8/12/2013 7:12:06 PM
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ASPARAGUS

Target Disease	Use Rate fl oz product/A lb a.i./A	Application Directions
Stemphyllium purple spot *(Stemphyllium vesicarium)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 100 Days.		

BANANAS, PLANTAINS

Target Disease	Use Rate fl oz product/A lb a.i./A	Application Directions
Black Sigatoka *(Mycosphaerella fijiensis)* Yellow Sigatoka *(Mycosphaerella musicola)*	5.5-8.5 (0.09-0.135)	Begin applications prior to disease development and continue throughout the season at 12- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 68.4 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.08 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		
Post Harvest Applications: Crown rot/Crown mold *(Colletotrichum musae, Fusarium pallidoroseum, Acremonium spp., Ceratocystis paradoxa, Gliocephalotrichum simplex, Graphium spp., Penicillium spp.)*	200-400 ppm solution	Make a single application of a 200-400 ppm solution to achieve good coverage. Apply as a spray or dip or by painting onto the cut ends of the bananas. Use the 200 ppm application rate for short transportation distances *(e.g.*, within the U.S.) and the 300-400 ppm application rate for long distance transportation (e.g., export). If alum (1.1% w/v) is added to the spray mixture, stir the suspension frequently as it will settle out. The addition of a non-ionic surfactant (0.1b% v/v) may improve the compatibility of this mixture. **Amount of this product required per 100 gallons of spray solution to obtain the given concentration (ppm):**

Desired Concentration (ppm)	fl oz of product / 100 Gallons Spray Solution
200	11
300	15
400	21

Use Limitations:
Do not make more than one post harvest application to bananas.
Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.

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BERRIES - BUSHBERRY Subgroup 13-07B

Aronia berry; Blueberry (highbush and lowbush); Buffalo Currant; Chilean Guava; Cranberry (highbush); Currant (black and red); Elderberry; European Barberry; Gooseberry; Honeysuckle (edible); Huckleberry; Josta berry; Juneberry (Saskatoon berry); Lingonberry; Native Currant; Salal; Sea Buckthorn; and all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria Fruit Rot (*Alternaria* spp.) Anthracnose fruit rot (*Colletotrichum gloeosporioides*) Botryosphaeria canker (*Botryosphaeria* spp.) Mummyberry (*Monilinia vaccinii-corymbosi*) Phomopsis stem canker (*Phomopsis vaccinii*) Powdery mildew (*Sphaerotheca* spp.) Septoria blight (*Septoria* spp.)	6.0-15.5 (0.19-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.

Use Limitations:
Do not exceed 46 fl oz of this product/Acre per season.
Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

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BERRIES - CANEBERRY Subgroup 13-07A

Blackberry; Bingleberry; Boysenberry; Dewberry; Lowberry; Marionberry; Olallieberry; Youngberry; Loganberry; Raspberry (red and black); Raspberry (wild); all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose (*Spaceloma necator*, (*Elsinoe veneta*) Botryosphaeria canker (*Botryosphaeria dothidea*) Colletotrichum rot (*Colletotrichum gloeosporioides*) Leaf spot (*Septoria rubi*, *Sphaerulina rubi*) Powdery mildew (*Sphaerotheca macularis*) Rosette or double blossom of blackberries (*Cercosporella rubi*) Spur blight (*Didymella applanata*)	6.0-13.5 (0.10-0.25)	Begin applications at onset of disease and continue as required until harvest. Make applications at 7- to 14-day intervals. Use a minimum water volume of 10 gal per acre by ground and a minimum of 3 gal by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Blackberry Rust (*Phragmidium* spp.)	10-13.5 (0.18-0.25)	

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

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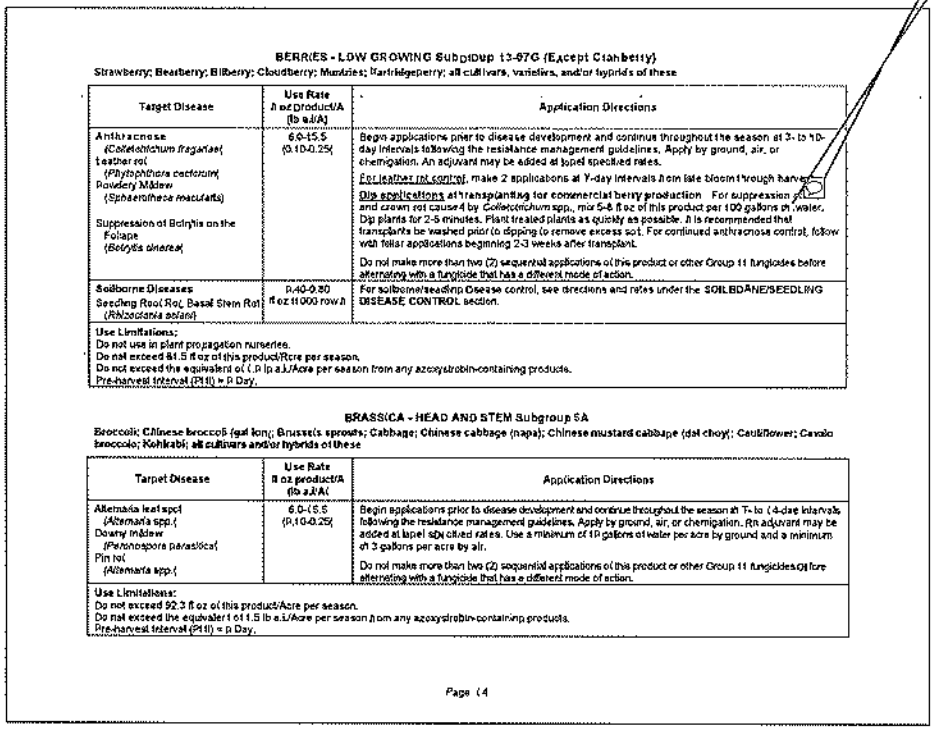

BERRIES - LOW GROWING Subgroup 13-07G (Except Cranberry)

Strawberry; Bearberry; Bilberry; Cloudberry; Muntries; Partridgeberry; all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz Product/A (lb a.i./A)	Application Directions
Anthracnose (*Colletotrichum fragariae*) Leather rot (*Phytophthora cactorum*) Powdery Mildew (*Sphaerotheca macularis*) Suppression of Botrytis on the Foliage (*Botrytis cinerea*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 3- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For leather rot control, make 2 applications at 7-day intervals from late bloom through harvest. Dip applications at transplanting for commercial berry production. For suppression of black and crown rot caused by *Colletotrichum* spp., mix 5-8 fl oz of this product per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed prior to dipping to remove excess soil. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot (*Rhizoctonia solani*)	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under the **SOIL BD ANE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not use in plant propagation nurseries. Do not exceed 64.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 0 Day.		

BRASSICA - HEAD AND STEM Subgroup 5A

Broccoli; Chinese broccoli (gai lon); Brussels sprouts; Cabbage; Chinese cabbage (napa); Chinese mustard cabbage (dai choy); Cauliflower; Cavalo broccolo; Kohlrabi; all cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf spot (*Alternaria spp.*) Downy Mildew (*Peronospora parasitica*) Pin rot (*Alternaria spp.*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 0 Day.		

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BRASSICA - LEAFY GREENS Subgroup 5B

Broccoli raab; Chinese cabbage (bok choy); Collards; Kale; Mizuna; Mustard greens; Mustard spinach; Rape greens; all cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Black spot (*Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) White rust (*Albugo candida*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot (*Rhizoctonia solani*)	0.40-0.60 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 48 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BULB VEGETABLES, Crop Group 3-07

Garlic; Leek; Bulb Onion (Chinese onion (bulb); daylily (bulb); fritillaria (bulb); garlic (bulb); great-headed garlic (bulb); fly (bulb); onion (bulb); pearl onion; potato onion (bulb); serpent garlic (bulb); shallot (bulb)); Green Onion (Bermuda bunching onion; Chinese chive (fresh leaves); chive (fresh leaves); elegans hosta; fresh onion; fritillaria (leaves); green onion; kurrat; lady's leek; leek; macrostem onion; shallot (fresh leaves); tree onion (tops); Welsh onion (tops); wild leek); all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Foliar Diseases Cladosporium leaf blotch (*Cladosporium allii*) Purple blotch (*Alternaria porri*) Rust (*Puccinia allii*)	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use the higher rates for adequate control. An adjuvant may be added at label specified rates. Test mixtures of this product with insecticides and silicone adjuvants for crop safety before applying to the crop. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Botrytis leaf blight (*Botrytis allicia*) Downy mildew (*Peronospora destructor*)	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Rhizoctonia damping-off (*Rhizoctonia solani*)	0.40-0.60 fl oz/1000 row ft	For soilborne/seedling disease control, see directions under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For in-furrow applications, direct the spray into the furrow just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

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CANOLA *

* See Application Directions for Oilseed Crop Group 20 for additional information

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria blackspot (*Alternaria spp.*) Blackleg (*Leptosphaeria maculans*) Sclerotinia stem rot (*Sclerotinia sclerotiorum*)	6.0-15.5 (0.10-0.25)	In general, apply 9.0 fl oz of this product at early bud followed by 10.5 fl oz at about 45 days before harvest. A third application of 7.0 fl oz may be made 30 days before harvest. Specifically for blackleg, apply at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, apply 9.0-15.5 fl oz at 10-25% flowering (3-5 days following first flower) Use the higher rate under heavy disease pressure or when conditions are favorable for disease development. For control of Alternaria alone, apply 8.5 fl oz at pod stage (approximately 95% petal fall). Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action
Use Limitations: Do not exceed 27.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 30 Days.		

CARROT *

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Early Blight (*Cercospora carotae*) Late Blight (*Alternaria dauci*) White mold (*Sclerotium rolfsii*) ***For additional diseases, see Application Directions for Root Vegetables Subgroup 1A**	9.0-20.0 (0.15-0.33)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot (*Rhizoctonia solani*)	6.4-9.6 6 oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products Pre-harvest Interval (PHI) = 0 Day.		

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CELERY *

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Early blight (*Cercospora apii*) Late blight (*Septoria apicola*) *For additional diseases, see Leafy Vegetables (except Brassica)	9.0-15.5 (0.15-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases	0.4-0.8	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section
Rhizoctonia root rot (*Rhizoctonia solani*)	fl oz/1000 row ft	
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 0 Day		

CEREALS
Barley, Oats, Rye

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Kernel Blight (*Alternaria* spp.) Leaf Rust (*Puccinia hordei*)	6.0-12.5 (0.10-0.20)	Apply this product prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, use sufficient water volume to provide thorough coverage. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. For chemigation, apply in 0.1 to 0.25 inch of water per acre. Chemigation with an excessive amount of water may reduce efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Barley Stripe (*Drechslera graminea* = *Pyrenophora graminea*) Net blotch (*Pyrenophora teres*)	8.0-12.5 (0.15-0.20)	
Powdery Mildew (*Erysiphe graminis* f. sp. *hordei*) Stagonospora blotch (*Stagonospora nodorum*)	17.0 (0.20)	
Use Limitations: Do not apply later than Feekes growth stage 10.54. Do not exceed 24.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 7 Days –forage, hay and grazing		

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CHRISTMAS TREES

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Diplodia tip blight (*Diplodia pinea*) Lophodermium needlecast (*Lophodermium pinastri*) Swiss needlecast (*Phaeocryptopus gaeumannii*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products.		

This page contains no comments

CITRUS FRUIT, Crop Group (D-(D

Australian Desert Lime; Australian Finger Lime; Australian Round Lime; Brown River Finger Lime; Calamondin; Citron; Citrus Hybrids; Grapefruit; Japanese Summer Grapefruit; Kumquat; Lemon; Lime; Mediterranean Mandarin; Mount White Lime; New Guinea Wild Lime; Orange (sour and sweet); Pummelo; Russell River Lime; Satsuma Mandarin; Sweet Lime; Tachibana Orange; Tahiti Lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliate Orange; Uniq Fruit; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria *(Alternaria alternata pv citri)* Alternaria leaf and fruit spot *(Alternaria citri)* Cercospora leaf spot *(Cercospora spp.)* Diplodia stem-end rot *(Diplodia natalensis)* Greasy spot *(Mycosphaerella citri)* Melanose *(Diaporthe citri)* Penicillium Decays Green mold, Whisker mold, Suppression of Blue mold *(Penicillium spp.)* Phomopsis stem-end rot *(Phomopsis citri)* Post bloom fruit drop (PFD) *(Colletotrichum acutatum)* Powdery mildew *(Erysiphe spp.)* Scab *(Elsinoe fawcettii)* Sweet Orange Scab *(Elsinoe australis)*	12.0-15.5 (0.20-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, use the higher application rates. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a horticultural spray oil to improve control of greasy spot. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) applications of this product or other Group 11 fungicides per season.
Black Spot *(Guignardia citricarpa)*	9.0-15.5 (0.15-0.25)	
For Pummelo and Citrus Hybrid - Uniq fruit only **Soil Borne Diseases** Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 sow ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 62.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest interval (PHI) = 0 Day.
Do not use this product in citrus plant propagation nurseries.

This page contains no comments

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Citrus Fruit Crop Group 10-10 (Continued) **Post Harvest Applications:** Penicillium Decays Green mold, whisker mold, Suppression of blue mold (*Penicillium* spp.) Diplodia stem-end rot (*Diplodia natalensis*) Phomopsis stem-end rot (*Phomopsis citri*)	**See Application Directions column**	Apply as a dip, drench, flood, or spray High volume (dilute) applications: Mix 32-64 fl oz in 25-100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Use T-Jet, flooders, or similar application systems. Low volume (concentrate) applications: Mix 32-64 fl oz in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Apply to 250,000 pounds of fruit. Use a controlled droplet type applicator or similar system. Dip applications: Mix 32-64 fl oz in 100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Dip fruit for 30 seconds and allow to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, (just prior to marketing).
Use Limitations: Do not make more than 2 post harvest applications to citrus fruit Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.		

CLOVER (and Stahdp Conf]lhtng Clovet)*

* See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay), Crop Group 18

This page contains no comments

CORN

Yield, Pop, Sweet (Including Seed Production)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Rust *(Puccinia sorghi)*	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply this product at the onset of disease. A second application may be required 14 days later if disease pressure persists. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
Anthracnose leaf blight *(Colletotrichum graminicola)* Eye spot *(Aureobasidium zeae)* Gray leaf spot *(Cercospora sorghi)* Northern corn leaf blight *(Setosphaeria turcica)* Northern corn leaf spot *(Cochliobolus carbonum)* Southern corn leaf blight *(Cochliobolus heterostrophus)*	6.0-15.5 (0.10-0.25)	
Early Application (V4 – V8)	6.0 (0.10)	This product may be applied early (V4 – V8) for early season disease control and beneficial physiological benefits.
Soilborne Diseases Rhizoctonia root and stalk rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 123.8 oz a.i/ this product/Acre per season.
Do not exceed the equivalent of 2.0 lb a.i/Acre per season from any azoxystrobin-containing products.
Pre-harvest interval (PHI) = 7 Days

This page contains no comments

COTTON

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose (*Glomerella gossypii*) Ascochyta Blight (*A. gossypii*) Boll Rot (*A. gossypii*) Cotton Rust (*Puccinia schedonnardi*) Hardsock (*Fusarium vasinfectum*) Southwestern Cotton Rust (*Puccinia cacabata*)	6.0-9.0 (0.1-0.15)	For optimum disease control, begin applications prior to or in the early stages of disease development. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively. Target the first application at approximately pinhead square to first bloom to protect the plant from diseases. Make subsequent application(s) at 14- to 21-day intervals. An additional application may be made depending on environmental conditions and the health of the cotton plant. Under poor environmental conditions conducive to seedling disease and poor cotton growth, treat early season cotton to suppress damping-off and other diseases which result in plant stand loss. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Pythium seedling blight (*Pythium aphanidermatum*) Rhizoctonia seedling blight (*Rhizoctonia solani*)	**In-Furrow Application** 0.4-0.6 fl oz/1000 row ft (0.10-0.20 oz. a.i. per 1000 row ft)	Apply this product as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to favor disease development, if the field has a history of Pyt burn infections, or if minimum/low till programs are in place. Refer to the **SOILBORNE/SEEDLING DISEASE CONTROL** section for table illustrating total fluid ounces per acre with various row spacings
Use Limitations: Do not exceed 27 fl oz of this product/Acre per season as a foliar spray Pre-harvest Interval (PHI) = 45 Days.		

This page contains no comments

CRANBERRY
Low Growing Berry Subgroup 13-07H (except Strawberry)
Bearberry; Bilberry; Blueberry (lowbush); Cloudberry; Cranberry; Lingonberry; Mountain; Partridgeberry; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Cottonball *(Monilinia oxycocci)* Fruit rots *(Physalospora vaccinii)* *(Glomerella cingulata)* *(Coleophoma empetri)* Lophodermium twig blight *(Lophodermium spp.)*	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom and repeat at 7- to 14-day intervals if conditions favor disease development. Apply by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fairy ring (suppression) *(Psilocybe spp.)*	15.5 (0.25)	Make the first application at bud break. Apply at a rate equivalent to 15.5 fl. oz/Acre in 30-100 gallons of water to the affected area (measure the ring diameter and add 10 feet to that diameter). Irrigation (1-2 hours) following application will help ensure penetration to the base of the plant. If needed, make another application 2-4 weeks later. For ground application, ensure adequate water volume for thorough canopy penetration.

Use Limitations:
Do not exceed 82.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest interval (PHI) = 3-Days.
Do not treat cranberry fields used for aquaculture of fish and crustacea.
Do not apply to flooded crop.
Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.

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Author: emalone Subject: Highlight Date: 8/22/2011 3:12:06 PM

Author: emalone Subject: Sticky Note Date: 8/22/2011 3:12:41 PM
Increase size of font so that it matches the rest of the text. Also, fix "t t" to read "tt"

CUCURBIT VEGETABLES, Crop Group 9

Cantaloupe; Chayote; Chinese waxgourd; Cucumber; Gourds; Honeydew melon; *Momordica* spp. (bitter melon, balsam apple); Muskmelon; Watermelon; Pumpkin; Squash; Zucchini; varieties, cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose (*Colletotrichum lagenarium*) Belly rot (*Rhizoctonia solani*) Downy mildew (*Pseudoperonospora cubensis*) Gummy stem blight (*Didymella bryoniae*) Leaf spots (*Alternaria* spp., *Cercospora* spp.) Myrothecium canker (*Myrothecium roridum*) Plectosporium blight (*Plectosporium tabacinum*) Powdery Mildew (*Sphaerotheca fuliginea*), (*Erysiphe cichoracearum*) Stemphylium Leaf Spot (*Stemphylium cucurbitae*)	6.0-15.5 (0.19-0.25)	For downy mildew and powdery mildew, make preventative applications at 5- to 7-day intervals. For belly rot control, make the first application at the 1-3 leaf crop stage with a second application just before vines tip over or 10-14 days later, whichever occurs first. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not tank mix this product with crop oil concentrates (COC), methylated seed oil (MSO) or silicon adjuvants. Do not tank mix this product with malathion, Kocide®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Bolaro®. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Soilborne diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soil or reseeding disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.1 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 1 Day		

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Author: emalone Subject: Highlight Date: 8/12/2013 1:11:34 PM

Author: emalone Subject: Sticky Note Date: 8/12/2013 3:32:10 PM
Delete any references to tomato and crop subgroup 8-10A as the instructions for those commodities are further along on the label.

FRUITING VEGETABLES, Crop Group 8-10 *

African Eggplant; Bush Tomato; Bell Pepper; Cocona; Currant Tomato; Eggplant; Garden Huckleberry; Goji Berry; Groundcherry; Martynia; Naranjilla; Okra; Pea Eggplant; Pepino; Pepper, Bell; Pepper, Nonbell; Rocoto; Scarlet Eggplant; Sunberry; Tomatillo; Tomato; Tree Tomato cultivars, varieties, and/or hybrids of these

Also refer to crop specific Application Directions for tomatoes

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Powdery Mildew (*Sphaerotheca* spp.)	5.0-15.5 (0.10-0.25(	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne diseases Rhizoctonia seedling rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 61.5 fl oz of the product/Acre per season.
Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

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GRAPE and Other SMALL FRUIT VINE CLIMBING Subgroup 13-07F (except fuzzy Kiwifruit)

Amur river grape; gooseberry; grape; kiwifruit (hardy); maypop; muscadines; schizandra berry; cultivars, varieties, and/or hybrids of the te

Target Disease	Use Rate fl oz product/A (lb a.i./A(	Application Directions
Black rot *(Guignardia bidwellii)* Downy mildew *(Plasmopara viticola)* Phomopsis cane and leaf spot *(Phomopsis viticola)* Powdery mildew *(Uncinula necator)* Suppression Only Botrytis bunch rot *(Botrytis cinerea(*	fd 0-t5.5 (p t5-0.25(	Begin applications prior to disease development and continue throughout the season at tlr- to t4-da; intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** This product is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit(. DO NOT spray this product where spray drift may reach apple trees. DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i/Acre per season from any azoxystrobin-containing products Pre-harvest interval (PHI) = 14-Days		

GRASSES (Grown for Seed)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Eyespot Stem Diseases Powdery mildew *(Erysiphe graminis)* Rust *(Puccinia spp.)*	6.8-t5.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing products Do not feed treated straw, seed, or screenings to livestock. Pre-harvest interval (PHI) = 8 Days.		

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Author: emalone Subject: Sticky Note Date: 8/12/2013 1:30:56 PM
You already have Cilantro (leaf) listed. Change this to Culantro (leaf)

Author: emalone Subject: Highlight Date: 8/12/2013 1:30:37 PM

HERBS & SPICES (Except Black Pepper); Crop Group 19

Allspice; Angelica; Anise (seed); Anise (star); Annato (seed); Balm; Basil; Borage; Burnet; Camomile; Caper (buds); caraway; Caraway (black); cardamom; Cassia Bark; Cassia Buds; Catnip; Celery Seed; Chervil (dried); Chinese Chive; Chive; Cinnamon; Clary; Clove Buds; Coriander Leaf (cilantro or Chinese parsley); coriander Seed (cilantro); Costmary; Cilantro (leaf); Culantro (seed); Cumin; Curry (leaf); Dill (dillweed); Dill (seed); Fennel (common); Florence Fennel (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper Berry; Lavender; Lemongrass; Lovage (leaf); Lovage (seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper (black and white); Poppy (seed); Rosemary; Rue; Saffron; Sage; Savory (summer and white); Sweet Bay; Tansy; Tarragon; Thyme; Vanilla; Wasabi; Wintergreen; Woodruff; Wormwood

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Corynespora blight (*Corynespora cassiicola*) Dill blight (*Cercosporidium punctum*) Phoma blight (*Passalora punctata*)	6.0-15.5 (0.10-0.26)	Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines. Apply by ground only. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fusarium Rhizome and Root Rot (*Pythium* spp.)	6.2-15.4 (0.10-0.25)	For Wasabi only: Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines. Apply by ground or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

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LEAFY VEGETABLES (Except Brassica)

Amaranth, Arugula, Cardoon, Celery, Celtuce, Chervil, Chrysanthemum (edible), Coriander leaves (Cilantro), Corn salad, Cress, Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard, Cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria sonchi, A. spp.)* Anthracnose *(Microdochium panattonianum, Colletotrichum dematium)* Cercospora leaf spot *(Cercospora spp.)* Septoria leaf spot *(Septoria petroselini)* White rust *(Albugo occidentalis)*	6.8-15.5 (0.10-0.25)	For downy and powdery mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** Applications of this product to leafy vegetable foliage may contribute to foliar phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating any leafy vegetable crops with this product. When treating leaf lettuce, do not tank mix this product with AMBUSH® WP, Pounce® WP, Aliette®, Warrior® with Zeon ™ Technology, or any other product that may increase the penetration of this product into the leaf surface such as, but not limited to, silicone wetters.
Downy mildew *(Bremia lactucae)* Powdery mildew *(Erysiphe cichoracearum)*	12.0-15.5 (0.20-0.25)	
Soilborne Diseases Web blight, Bottom rot, Crater rot, Root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/ 1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest interval (PHI) = 0 Day.

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Author: emalone Subject: Highlight Date: 8/12/2013 4:12:04 PM

Author: emalone Subject: Sticky Note Date: 8/12/2013 4:12:34 PM
Just like for the tomatoes section, I don't think this should be listed here. I know it is in this section on the me-too label but I think it is a mistake.

LEGUME VEGETABLES, DRY AND SUCCULENT
and
LEGUME VEGETABLES, FOLIAGE OF ANY CULTIVAR OF BEAN (*Phaseolus* spp.) & FIELD PEA (*Pisum* spp.)

Bean (*Lupinus* spp.) (includes blue lupin, sweet lupin, white lupin, and white sweet lupin)
Bean (*Phaseolus* spp.) (includes field bean, kidney bean, lima bean, navy bean, pole bean, runner bean, snap bean, tepary bean, wax pean)
Bean (*Vigna* spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)
Beans (*Glycine max*) (Soybean, Immature Seed) edamame g**
Broad bean (fava bean) (*Vicia faba*)
Chickpea (garbanzo bean), (*Cicer arietinum*)
Guar (*Cyamopsis tetragonoloba*)
Jackbean (*Canavalia ensiformis*)
Lablab bean (hyacinth bean) (*Lablab purpureus*)
Lentil (*Lens esculenta*)
Pea (*Pisum* spp.) (includes chaat pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea)
Pigeon pea (*Cajanus cajan*)
Sword bean (*Canavalia gladiata*)
**"For use on soybeans, refer to the crop specific application directions for soybeans

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Bean rust (*Uromyces appendiculatus*)	6.5 (0.10)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For rust, use of a non-ionic surfactant is recommended. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Alternaria blight (*Alternaria* spp.) Alternaria leaf spot (*Alternaria alternata*) Anthracnose (*Colletotrichum truncatum*) Ascochyta blight (*Mycosphaerella pinodes*) Ascochyta leaf and pod spot (*Ascochyta* spp.) Ascochyta leaf spot (*Ascochyta phaseolorum*) Rust (*Phakopsora* spp) Southern blight (*Sclerotium rolfsii*) Web blight (*Rhizoctonia solani*)	8.0-15.5 (0.10-0.28)	
Soil Borne Diseases: Rhizoctonia root rot (*Rhizoctonia solani*)	6.4-8.6 fl oz/1000 row ft	For cottonseed/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. This product may be applied to the furrow and covering soil at planting time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur. If using a narrow spray as an in-furrow spray, direct the spray stream to the soil next to the seed but not directly on the seed. Note: Conduct a seed safety test with your crop before making in-furrow applications.

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Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI):
Dry bean and dry pea seeds - PHI = 14-Days
Succulent beans and peas - PHI = 0 Day
For use on soybeans, please refer to the soybean crop directions for use.

MINT
Fresh or for Processing into Mint Oil

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Powdery mildew (*Erysiphe spp.*) Rust (*Puccinia menthae*)	6.0-15.3 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 46 fl oz of this product/Acre per season.
Do not exceed the equivalent of 0.25 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI):
Fresh mint - PHI = 0-Day
Processed mint – PHI = 7 Days

This page contains no comments

NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY), Crop Group 18

For pure/mixed stands of the following or stands mixed with grasses: Alfalfa; Bean (velvet); Clover (*Trifolium* spp., *Melilotus* spp.); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Vetch (crown); Teich (milk)

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Foliar Diseases Alternaria leaf spot (*Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew (*Oidium* spp.), (*Erysiphe* spp.) Rust (*Phakopsora* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended. For management of outbreaks of Asian soybean rust and other Puccinia species on alternate host species such as kudzu, lespedeza, trefoil, and vetch, apply this product to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and university extension agents for the latest advice. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 15.5 fl oz of this product (0.25 lb ai.) per acre per cutting. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest interval (PHI) = 14 Days for grazing and harvest of forage and hay Do not use on rangeland.		

OILSEED CROPS, Crop Group 20

Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Coltonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold Of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoams; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf spot (*Alternaria* spp.) Downy mildew (*Plasmopara helianthi*, *Plasmopara halstedii*) Phoma (*Septoria lindcola parasite*) Sunflower Rust (*Puccinia helianthi*)	6.0-15.5 (0.10-0.25)	Apply 6.0 fl oz of this product at early bud followed by 4.0 fl oz about 45 days before harvest. Make a third application of 7.5 fl oz 30 days before harvest. Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27 fl oz of product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest interval (PHI) = 30 Days.		

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PEANUT

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Soil-borne diseases – early season (in-furrow application) Aspergillus crown rot *(Aspergillus niger)* Pythium damping-off *(Pythium spp.)* Stem rot / White mold suppression *(Sclerotium rolfsii)*	0.4-0.8 fl oz/1000 row ft	Apply this product in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Soil-borne diseases – mid-late season Rhizoctonia peg and pod rot *(Rhizoctonia solani)* Stem rot / White mold *(Sclerotium rolfsii)* **Suppression only:** Cylindrocladium black rot *(Cylindrocladium crotalariae)* Pythium pod rot *(Pythium myriotylum)*	12.0-24.5 (0.20-0.40)	Apply this product as a foliar spray approximately 60 and 80 days after planting. Multiple applications earlier in the season if environmental conditions favor disease development. These applications will provide protection against soil borne diseases as well as control of listed foliar diseases for a 10- to 14-day period after each spray. Under heavy disease pressure and/or where there is high rainfall and/or irrigation, use 18.5-24.5 fl oz/Acre. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl oz/Acre. For control of Pythium, a rate of 24.5 fl oz/Acre is required. Follow with applications of other fungicides at 10- to 14-day intervals to provide season-long control of leaf spot diseases. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates.
Foliar diseases Early leaf spot *(Cercospora arachidicola)* Late leaf spot *(Cercosporidium personatum)* Rust *(Puccinia arachidis)* Web blotch *(Phoma arachidicola)*	6.0-18.5 (0.10-0.30)	For foliar disease control only, treat at a reduced rate of 6.0 to 18.5 fl oz/Acre at 10- to 14-day intervals. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.

Use Limitations:
Do not exceed 49 fl oz of product/acre per season.
Do not exceed the equivalent of 0.80 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest interval (PHI) = 14 Days.

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PECANS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose *(Glomerella cingulata)* Scab *(Cladosporium carigenum)*	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product Pre-harvest Interval (PHI) = 45 Days.		

PISTACHIOS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria late blight *(Alternaria alternata)* Botryosphaeria panicle and shoot blight *(Botryosphaeria dothidea)* Septoria leaf spot *(Septoria pistaciarum)*	5.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

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POTATOES

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Black dot *(Colletotrichum coccodes)* Early Blight *(Alternaria solani)* Late Blight *(Phytophthora infestans)* Powdery mildew *(Erysiphe cichoracearum)*	5.0-20.0 (0.10-0.33 (	Early Blight • Apply 6.2 fl oz product/Acre and repeat at 2-day intervals. **OR** • Apply 12.0 fl oz product/Acre and repeat at 14-day intervals. Late Blight - Apply 12.0 fl oz product/Acre and repeat at 7-day intervals. Initiate late blight applications as a preventive treatment according to local practices. If late blight symptoms appear or conditions favor disease development, switch immediately to a non-Group 11 fungicides and repeat applications at 5-day intervals. Adding a spreader/sticker to the spray mixture may improve coverage. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Apply by ground, air, or chemigation. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Black dot *(Colletotrichum coccodes)* Black scurf *(Rhizoctonia solani)* Silver scurf *(Helminthosporium solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOIL BORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

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RICE

Target Pisease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Sheath/Stem Diseases Sheath Blight *(Rhizoctonia solani)*	6.0-18.5 (0.10-0.30)	Apply this product by ground, air, or chemigation prior to disease development For aerial application, use volumes of 5- f0 GPA. An adjuvant may be added at label specified rates. For sheath blight control, application rates may vary from 9.0 to 12 P-fl oz/A depending on the growth stage of the rice and the severity of the disease. For other stem/sheath diseases including aggregate sheath spot, black sheath rot, sheath spot, and stem rot, apply when disease is less than 1inches above water line, usually between panicle differentiation (PD) +5 days to (PD) + f0 days, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application. For foliar and panicle diseases, apply this product prior to disease development. For blast control, apply as a preventive treatment before favorable conditions for blast development. For panicle blast, make the first application at mid-boot to boot-spl t but prior to full head emergence. Mat e a second application when panicles are approximately 60-90% emerged from the boot (7-14 days later) For panicle blast on continuous rice acreage (no rotation to other crops), no more than two (2) sequential foliar applications of this product or other Group f 1 fungicides should be made over multiple years before alternating with a fungicide that has a different mode of action. Do not make more than two (2) foliar applications of this product or other Group f 1 fungicides per acre per season.
Aggregate Sheath Spot *(Ceratobasidium oryzae-sativae = Rhizoctonia oryzae-sativae)* **Black Sheath Rot** *(Gaeumannomyces graminis var. graminis)* **Sheath Spot** *(Rhizoctonia oryzae)* **Stem Rot** *(Magnaporthe salvinii = Sclerotium oryzae = Nakataea sigmoidea)*	9.0-18.5 (0.15-0.30)	
Foliar Piseases Brown leaf spot *(Cochliobolus miyabeanus)* Leaf smut *(Entyloma oryzae)* Narrow brown leaf spot *(Cercospora janseana = Cercospora oryzae)*		
Panicle Diseases Kernel smut *(Tilletia barclayana = Neovossia barclayana)* Panicle blast *(Pyricularia oryzae)*		

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the la ta application.

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ROOT VEGETABLES Subgroup 1A
and
LEAVES OF ROOT AND TUBER VEGETABLES, Crop Group 2

Beet (garden and sugar)[1,2]; burdock (edible)[1,2]; carrot[1,2]; cassava (bitter and sweet)[1]; celeriac (celery root)[1,2]; chervil (turnip-rooted)[1,2]; chicory[1,2]; dasheen (taro)[1]; ginseng[1]; horseradish[1]; parsley (turnip-rooted)[1]; parsnip[1,2]; radish[1,2]; radish (oriental (daikon))[1,2]; rutabaga[1,2]; salsify[1]; salsify (black)[1,2]; salsify (Spanish)[1]; skirret[1]; sweet potato[1]; tanier[1]; turnip[1,2]; yam (true)[1]

[1] Leaves of root and tuber vegetables, crop group 2
[2] Root vegetables subgroup 1A

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces betae, Puccinia helianthi)* White rust *(Albugo tragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora beticola, C. pastinacae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular Spot, Southern Blight *(Sclerotium rolfsii)* Pythium root rot *(Pythium aphanidermatum)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For sugar beets, make 3-2 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of this product with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. Do not apply in-furrow if cool soil conditions are expected after planting which could result in an extended period of plant emergence. If using this product at planting, do not use a starter fertilizer with it.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Minimum application volume for in-furrow sprays: 10 GPA Pre-harvest interval (PHI) = 0 Day		

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SORGHUM

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose *(Colletotrichum graminicola)* Gray leaf spot *(Cercospora sorghi)*	6.0-15.5 (0.19-0.25)	Begin applications prior to disease development. Use the high rates when conditions are favorable for severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Damping-off *(Rhizoctonia solani,* *Pythium aphanidermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
For grain and stover, do not exceed 46 fl oz of this product/Acre/season or the equivalent of 0.75 lb a.i./Acre/season from any azoxystrobin-containing products.
For forage, do not exceed 31 fl oz of this product/Acre per season or the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest interval (PHI) = 14 Days.

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SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Aerial blight *(Rhizoctonia solani)* Alternaria leaf spot *(Alternaria spp.)* Anthracnose *(Colletotrichum truncatum)* Brown spot *(Septoria glycines)* Cercospora blight and leaf spot *(Cercospora kikuchii)* Frogeye leaf spot *(Cercospora sojina)* Pod and stem blight *(Diaporthe phaseolorum)* Rust *(Phakopsora spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are conducive to severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at labelspecified rates. Use oka crop oil concentrate or non-ionic surfactant with the lower use rate is recommended. Soybean rust: Use this product at 4.R fl oz/Acre when tank mixed with a triazole fungicide registered for use on soybean. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia solani *(Rhizoctonia solani)* Southern blight *(Sclerotium rolfsii)*	6.4-9.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Do not make more than one application at 15.5 fl oz (0.25 lb a.i.) of product/Acre to soybean forage and hay.
Pre-harvest Interval (PHI):
Soybean (bean) - PHI = 14 Days
Soybean forage and hay - PHI = 0 Day

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STONE FRUIT

Apricot, Cherry (sweet, tart), Nectarine, Peach, Plum, Pluricot, Prune

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria spot and Fruit rot (*Alternaria alternata*) Anthracnose (*Colletotrichum provincola, C. gloeosporioides*) Leaf rust (*Tranzschelia discolor*) Powdery mildew (*Sphaerotheca pannosa, Podosphaera clandestina*) Scab (*Cladosporium carpophilum*) Shot Hole (*Wilsonomyces carpophilus*)	6.0-15.3 (0.120-0.25)	For scab control, begin applications at petal fall and continue at 7- to 14-day intervals. For peaches only, apply 9.0-15.5 fl oz of this product. For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, apply this product to fruit up to the day of harvest.. For all other diseases, begin applications at the onset of disease as a protectant fungicide and continue at 7- to 14-day intervals. Apply this product by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown rot blossom blight and Fruit rot (*Monilinia fructicola, M. laxa*)	12.0-15.3 (0.230-0.25)	
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 0 Day.		

SUGARCANE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Brown Rust (*Puccinia melanocephala*) Orange Rust (*Puccinia kuehnii*)	9.0-12.0 (0.15-0.20)	Begin applications prior to rust development and continue throughout the season at 14- to 28-day intervals following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For ground applications, apply in sufficient water volume for adequate coverage and canopy penetration. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per acre per year.
Use Limitations: Do not exceed 49 fl oz of product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 30 Days. For aerial application, the minimum application volume is 5 GPA.		

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TOBACCO

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Blue mold (*Peronospora tabacina*) Frogeye leaf spot (*Cercospora nicotianae*) Target spot (*Rhizoctonia solani*)	8.0-12.0 (0.1-0.2)	Begin applications prior to disease development or at first indication that blue mold is in the area. Do not apply this product as a curative treatment. Apply at 7- to 14-day intervals. Use the shorter intervals when conditions are conducive to disease development. Apply by ground, air, or chemigation. For ground applications, use sufficient water volume for adequate coverage and canopy penetration. For aerial applications, apply in volumes of 10-15 GPA. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. NOTE: This product may enhance weather fleck ing on the leaves of certain tobacco types. This does not affect yield and quality
Use Limitations: Do not exceed 32 fl oz of product/Acre per season. Do not exceed the equivalent of 0.52 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 0 Day. Do not apply on greenhouse seedlings. Do not tank mix with Thiodan. Tank mixing this product with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents may cause some crop injury.		

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TOMATO and TOMATILLO
FRUITING VEGETABLE Subgroup 8-10A

Bush tomato; cocona; currant tomato; garden huckleberry; goji berry; groundcherry; naranjilla; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Anthracnose (*Colletotrichum coccodes*) Black mold (*Alternaria alternata*) Buckeye rot (*Phytophthora spp.*) Early blight (*Alternaria solani*) Powdery Mildew (*Oidiopsis sicula*) Septoria Leaf Spot (*Septoria lycopersici*) Target spot (*Corynespora cassiicola*)	5.0-6.2 (0.09-0.12)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For late blight, apply this product at 5- to 7- day intervals. For all other tomato diseases, make applications at 7- to 21-day intervals. Use of adjuvants may result in severe phytotoxicity. Do not exceed 0.125% adjuvant (v/v). Thank mixtures with dimethoate may cause phytotoxicity. For fresh market tomatoes, do not use adjuvants or tank mix this product with other pesticides formulated as emulsifiable concentrates (EC). Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Late Blight (*Phytophthora infestans*)	6.2 (0.10)	

Use Limitations:
Do not exceed 37 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.6 lb a.i./Acre per season from any acoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.

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FREE NUTS **

Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Walnut

**** See also crop specific application directions for almonds and pistachios**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf and fruit spot (*Alternaria alternata*) Anthracnose (*Colletotrichum acutatum, Glomerella cingulata*) Blossom Blight (*Monilinia laxa, M. fructicola*) Eastern filbert blight (*Anisogramma anomala*) Late blight (*Alternaria alternata*) Scab (*Cladosporium carpophilum*) Septoria leaf spot (*Septoria pistaciarum*) Shothole (*Wilsonomyces carpophilus*)	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action
Use Limitations: Do not exceed 73.6 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest interval (PHI) = 45 Days		

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TROPICAL FRUIT

Acerola, Atemoya, Avocado, Biriba, Canistel, Cherimoya , Custard apple, Dragon Fruit, Feijoa, Guava, Ilama, Jaboticaba, Jackfruit, Longan, Loquat, Lychee, Mango, Papaya, Passionfruit, Pawpaw, Persimmon, Pulasan, Rambutan, Sapodilla, Sapote (black, mamey, white), Soursop, Star apple, Starfruit, Sugar apple, Spanish lime, Tamarind

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Cercospora leaf spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe* spp.) Rust (*Puccinia* spp.)	6.0-15.5 (0.09-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Follow the resistance management guidelines in the Resistance Management section. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot (*Rhizoctonia solani*)	0.4-0.6 fl oz/1,000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i/Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) 0 Day

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TUBEROUS AND CORM VEGETABLES Subgroup 1C

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna, Cassava (edible, bitter, sweet), Chayote (root), Ciuala, Dasheen (Taro), Ginger, Leren, Potato, Sweet Potato, Tanier, Turmeric, Yam (bean, true)

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Foliar Diseases Alternaria leaf spot (*Alternaria* spp., *A. alternata*) Ascochyta leaf spot (*Ascochyta cynarae*) Rust (*Uromyces betae*, *Puccinia helianthi*) White rust (*Albugo tragopogonis*)	6.0-20 fl (0.10-0.53	For powdery mildew, make preventive applications at 5-7 day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot (*Cercospora betae*, *C. pastinacae*) Powdery mildew (*Erysiphe polygoni*, *Leveillula taurica*)	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular spot, Southern blight (*Sclerotium rolfsii*) Rhizoctonia stem canker, Crown rot (*Rhizoctonia solani*) Pythium root rot (*Pythium aphanidermatum*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Day		
Post Harvest Applications: Silver Scurf (*Helminthosporium solani*) Fusarium Dry Rot (*Fusarium* spp.) Late Blight (*Phytophthora infestans*) Pink Rot (*Phytophthora erythroseptica*)	0.6 fl oz/ ton of tubers	In-Line Aqueous Spray Applications: • Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated. • Mix the fungicide solution in an appropriate amount of water for the crop being treated. • Use T-jet, CDA, or similar application system
Use Limitations: Do not make more than one post-harvest application to the tubers. Do not use on seed potatoes or seed pieces. Ensure the spray solution remains in suspension by using agitation		

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Author: emalone Subject: Pencil Date: 7/22/2017 1:52:50 PM

WATERCRESS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Cercospora leaf spot (*Cercospora* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 93.2 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

WHEAT, TRITICALE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Leaf Rust (*Puccinia triticina = recondita* f.sp. *tritici*) Septoria leaf and Glume blotch (*Septoria tritici, Septoria nodorum*) Stem Rust (*Puccinia graminis*) Stripe Rust (*Puccinia striiformis*) Tan Spot (*Pyrenophora tritici-repentis*)	4.0-12.0 (0.07-0.20)	Apply this product prior to disease development. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicide per season.
Powdery Mildew (*Erysiphe graminis*)	7.5-11.0 (0.125-0.175)	
Use Limitations: Do not apply after Feekes 10.54. Do not exceed 23.8 fl oz of product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI): Forage and hay – PHI = 7 Days; Grazing – PHI = 14 Days.		

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WILD RICE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Brown Spot (*Bipolaris oryzae* or *Bipolaris sorokiana*) Also known as *Helminthosporium oryzae* and *H. sativum* Stem Rot (*Nakataea sigmoidea*)	12.5-15.5 (0.20-0.25)	Apply this product prior to disease development. Apply by ground, air, or chemigation. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For foliar diseases, apply this product prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicides per season
Use Limitations: Do not treat rice fields used for aquaculture of fish and crustaceans. Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats. Do not exceed 43 fl oz of product/Acre per season. Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 28 Days. Do not allow release of irrigation or flood water for at least 14 days after the last application.		

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RATE CONVERSION CHART

Fluid Ounces Product/Acre	Pounds a.i./Acre	Treated Acres/Gallon Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **"NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Non-refillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type/size."

[Nonrefillable Containers 5 Gallons or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Refillable containers larger than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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This page contains no comments

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENY CONSISTENY WITH APPLICABLE LAW, (1) THE GOODS DELIVEREO TO YOU ARE FURNISHEO "AS IS" BY MANUFACTURER OR SELLER AND (2(MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KINO TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODVCT SOLD, INCLUDING, BUT NOY LIMITED TO MERCHANTABILITY, FITHESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCY FOR ANY PARTICULAR TRADE USAGE. UNINTENDEO CONSEDUENCES, INCLUDING BUT NOT LIMITEO TO INEFFECTIVENESS, MAY RESULY BECAUSE OF SUCH FACTORS AS THE PRESEHCE OR ABSENCE OF OTHER MATERIALS USEO IN COMBINATION WITH THE GOOOS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUVER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENY RELATING IN ANY WAY TO THESE GOOOS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENY WITH APPLICABLE LAW, IN NO EUENY SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITN APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUVER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLO BY MANUFACTURER OR SELLER YO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. YO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUVER'S OR USER'S EXCLUSIVE REMEDY, ANO MANUFACTURER'S OR SELLER'S YOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEOING THE COST OF THE PRODUCY.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product and return it unopened to the Seller, and the purchase price will be refunded.

(RU05101 3)

This page contains no comments

LABEL HISTORY

NOT TO BE PART OF THE PRINTED LABEL
For Regulatory Use Only

File Name	Revision Mark	Comment
000228-00XXX.20130510.NUP-08099_New EP	RV051013	Application for registration of a new end-use product – PRIA Action Category R300.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION
OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION (7505P)

BARCODE No.: 412499; **DECISION No.:** 478901 **FILE SYMBOL No.:** 228-TEN;
PRODUCT NAME: NUP-08099; **FOOD Use:** Yes **PC CODE(s):** 128810;
ACTION CODE: R300;

DATE: **June 25, 2013**

SUBJECT: **Product Chemistry Review of NUP 08099**

FROM: **Akiva Abramovitch, Ph.D.**
Technical Review Branch / RD (7505P)

THROUGH: **Shyam Mathur, Ph.D.**
Product Chemistry Team Leader
Technical Review Branch/RD (7505P)

6/27/13

TO: **Erin Malone/William Cutchin, PM 20**
Fungicide Branch/ RD (7505C)

Company Name: Nufarm
Formulation Type: Liquid Solution

INTRODUCTION:

The applicant has submitted an application for registration of a new end use product. In support of the registration application, the registrant has submitted product chemistry data corresponding to guideline 830 series, group A & group B (MRIDs 491071-01 through -07). The CSF of the basic formulation was dated May 28, 2013 and submitted along with the product label listing Azoxystrobin at 22.9%. TRB has been asked to determine the acceptability of the product chemistry data and the proposed basic CSF dated 5/28/ 2013.

SUMMARY OF FINDINGS:

1. Name of Active Ingredients:
   Azoxystrobin (22.9%).

2. Has the registrant claimed substantial similarity to a registered product?
   [X] Yes; [ ] No; if yes give the registration number of the cited product.
   EPA Reg No. 100-1098

3. All the source materials for the active ingredients are derived from the registered sources:
   [X] Yes; [ ] No.

BARCODE No.: 412499; **DECISION No.:** 478901 **FILE SYMBOL No.:** 228-TEN;
PRODUCT NAME: NUP-08099; **FOOD Use:** Yes **PC CODE(s):** 128810;

4. All inert ingredients have been screened by IIAB and found to be approved for the proposed labeled uses: [X] Yes; [ ] No.

5. Confidential Statement of Formula(s):

   [X] Basic CSFs dated May 28, 2013;

6. Product label

   a. Ingredient statement: Nominal concentration of AI listed on CSF(s) concur with product label (PR Notice 91-2).

      [X] Yes, if not, explain below:

      Is the sub statement in compliance with PR Notice 97-6 (inert ingredient vs other ingredient)?
      [X] Yes; [ ] No; if not, explain below:

      Metallic equivalent: [ ] Yes [X] NA;
      Soluble arsenic: [ ] Yes [X] NA
      Isomeric ratios: [ ] Yes [X] NA
      Acid equivalent: [ ] Yes [X] NA; {name} acid equivalent = xx %

   b. Health related sub statements: Product contains?

      Petroleum distillate at > 10%: [ ] Yes [X] No [ ] NA
      Methanol at > 4%: [ ] Yes [X] No [ ] NA
      Sodium nitrate/Sodium nitrite [ ] Yes [X] No [ ] NA

   c. Physical chemical hazard statement: Product label requires a statement per 40 CFR §156.78 for: flammability, explosive potential or electric insulator breakdown?
      [ ] Yes [X] No

      Is the sub statement in compliance with PR Notice 98-6 (Total Release Fogger)?
      [ ] Yes, [ ] No, [X] NA, if not, explain below:

   d. Label requires an additional Storage and Disposal statement:
   [ ] Yes [X] No

BARCODE No.: 412499; **DECISION No.:** 478901 **FILE SYMBOL No.:** 228-TEN;
PRODUCT NAME: NUP-08099; **FOOD Use:** Yes **PC CODE(s):** 128810;

7. Group A: Product Chemistry Data

TRB's determination of the acceptability for the proposed product is listed in the tables below.

Guideline No.	Study Title		Data submitted		TRB's Assessment of Data	MRID Nos.
			Yes	No		
830.1550	Product Identity & Composition		X		A	491071-01
830.1600	Description of materials used to produce the product		X		A	491071-01
830.1650	Description of formulation process		X		A	491071-01
830.1670	Discussion on the formation of impurities		X		A	491071-01
830.1700	Preliminary analysis			X	NA	
830.1750	Certified limits (158.350)	Standard certified Limits	X		A	491071-01
		Proposed Limits			NA	
		Justification for wider limits			NA	
830.1800	Enforcement analytical method		X		A (HPLC)	491071-01 & -02

8. Group B:

Guideline No.	Study Title	Value or Qualitative Description	TRB's Assessment of Data	MRID Nos.
830.6303	Physical State	Off white liquid	A	491071-03
830.6315	Flammability	None-231 F	W	
830.6316	Explodability	NA, not considered to be potentially explosive	W	
830.7000	pH	7.52	A	491071-05
830.7300	Relative Density	1.068 at 20 C	A	491071-07

A = Acceptance, N = Not Acceptable, G = Data Gap, W = Waiver request,
NA = Not applicable, I = In progress, U = Upgradeable

BARCODE No.: 412499; **DECISION No.:** 478901 **FILE SYMBOL No.:** 228-TEN; **PRODUCT NAME:** NUP-08099; **FOOD Use:** Yes **PC CODE**(s): 128810;

CONCLUSIONS:

TRB has reviewed the CSF(s) and product chemistry data for the proposed end use product and has concluded:

1. The proposed CSFs for the basic formulation dated May 28, 2013 is acceptable

2. The data submitted corresponding to guidelines 830.1550 (product identity and composition), 830.1600 (description of materials used to produce the product) , 830.1650 (description of formulation process), 830.1670 (discussion on the formation of impurity), 830.1750 (certified limits), and 830.1800 (enforcement analytical method) are acceptable.

3. The product chemistry data/waivers submitted corresponding to guidelines 830.6302 (color), 830.6303 (physical state), 830.6304 (odor), 830.6314 (oxidation/reduction), 830.6315 (flammability), 830.6316 (explodability), 830.7000 (pH), 830.7100 (viscosity), and 830.7300 (density) are acceptable.

4. The storage stability (guideline 830.6317) and corrosion characteristics (guideline 830.6320) studies were not submitted and are being conducted. These physical/chemical properties are required and it is recommended that observations should be made at 0, 3, 6, 9, and 12 month intervals.

5. The proposed label was screened as it pertains to the product chemistry requirements. Review of the proposed label and uses are the purview of the RM team.

6. This product is similar to product EPA Reg. No. 100-1098 from product chemistry perspective.

Decision #: 478901
DP #: (412499)
PRIA
Parent DP #:
Submission #: 935578
E-Sub #: 4272

DATA PACKAGE BEAN SHEET

Date: 14-Jun-2013

R300 32239

* * * Registration Information * * *

Registration: 228-TEN - NUP-08099

Company: 228 - NUFARM AMERICAS, INC.

Risk Manager: RM 20 - William Cutchin - (703) 305-7990 Room# PY1 S-7828

Risk Manager Reviewer: Erin Malone EMALONE

Sent Date: PRIA Due Date: 07-Oct-2013 Edited Due Date:

Type of Registration: Product Registration - Section 3

Action Desc: (R300) NEW PRODUCT;OR SIMILAR COMBINATION PRODUCT (ALREADY REGISTERED)

Ingredients: 128810, Azoxystrobin(22.9%)

* * * Data Package Information * * *

Expedite: ◯ Yes ● No Date Sent: 14-Jun-2013 Due Back:

DP Ingredient: 128810, Azoxystrobin

DP Title: Product chem review for subs sim. EP

CSF Included: ● Yes ◯ No Label Included: ● Yes ◯ No Parent DP #:

Assigned To	Date In	Date Out
Organization: RD / TRB		
Team Name: CHEM		
Reviewer Name:		
Contractor Name:		

Last Possible Science Due Date: 23-Aug-2013

Science Due Date:

Sub Data Package Due Date:

* * * Studies Sent for Review * * *

Printed on Page 2

* * * Additional Data Package for this Decision * * *

No Additional Data Packages

* * * Data Package Instructions * * *

Chem Team:

I have for your review an application for an azoxystrobin EP for use pre and post harvest. The company is claiming similarity to 100-1098.

Are the cited MRIDs acceptable to fulfill the necessary guidelines? Are the cited and proposed products similar? Is the basic CSF dated 5/28/13 acceptable?

For your review, I have included the cover letter, proposed basic CSF, data matrix, and proposed label. The cited MRIDs can be found in documentum.
The tech screen deadline is 7/22/13, please complete a preliminary review of the data/application and let me know if there are any issues by 7/15.

If you need anything else please let me know.

Thanks,
Erin

DP#: (412499) *** Studies Sent for Review *** Decision#: (478901)

MRID	MRID Status	Citation Reference	Guideline	PF's Status
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1550/Product identity and composition	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1600/Description of materials used to produce the product	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1650/Description of formulation process	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1670/Discussion of formation of impurities	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1700/Preliminary analysis	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1750/Certified limits	Pass (17-May-2013)
49107101		Byrne, T. (2013) NUP-08099: Product Chemistry. Project Number: RTP/10/005/REG/OCR. Unpublished study prepared by Nufarm Americas, Inc. 99p.	830.1800/Enforcement analytical method	Pass (17-May-2013)
49107102		Parmar, J. (2008) Validation of Analytical Method for Active Ingredient Analysis of NUP-08099 by HPLC. Project Number: 8339/OCR. Unpublished study prepared by Jai Research Foundation. 59p.	830.1800/Enforcement analytical method	Pass (17-May-2013)
49107103		Desai, H. (2008) Appearance (Colour, Physical State and Odour) of NUP-08099. Project Number: 8331/OCR. Unpublished study prepared by Jai Research Foundation. 22p.	830.6302/Color	Pass (17-May-2013)
49107103		Desai, H. (2008) Appearance (Colour, Physical State and Odour) of NUP-08099. Project Number: 8331/OCR. Unpublished study prepared by Jai Research Foundation. 22p.	830.6303/Physical state	Pass (17-May-2013)
49107103		Desai, H. (2008) Appearance (Colour, Physical State and Odour) of NUP-08099. Project Number: 8331/OCR. Unpublished study prepared by Jai Research Foundation. 22p.	830.6304/Odor	Pass (17-May-2013)
49107104		Vohra, H. (2008) Oxidation / Reduction Properties of NUP-08099. Project Number: 8335/OCR. Unpublished study prepared by Jai Research Foundation. 25p.	830.6314/Oxidizing or reducing action	Pass (17-May-2013)
49107105		Parmar, J. (2008) pH of NUP-08099. Project Number: 8333/OCR. Unpublished study prepared by Jai Research Foundation. 24p.	830.7000/pH	Pass (17-May-2013)
49107106		Vohra, H. (2008) Viscosity of NUP-08099. Project Number: 8336/OCR. Unpublished study prepared by Jai Research Foundation. 25p.	830.7100/Viscosity	Pass (17-May-2013)
49107107		Singh, S. (2009) Relative Density of NUP-08099. Project Number: 8332/OCR. Unpublished study prepared by Jai Research Foundation. 23p.	830.7300/Density/relative density	Pass (17-May-2013)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND
POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS
REGISTRATION DIVISION (7505P)

25/JUN/2013

~~CONTAINS CBI~~
DO NOT RELEASE TO REGISTRANT

SIMILARITY CLINIC MEMORANDUM

MEMORANDUM

Subject:	Name of Pesticide Product:	NUP-08099
	EPA Reg. No. /File Symbol:	228-TEN
	DP Barcode:	D412563
	Decision No:	478901
	Action Code:	R300
	PC Codes:	128810 (azoxystrobin)
From:	Eugenia McAndrew, Biologist Technical Review Branch Registration Division (7505P)	
To:	Erin Malone, RM Team 20 Fungicide Branch Registration Division (7505P)	
Applicant:	Nufarm Americas, Inc. 11901 S. Austin Avenue Alsip, IL 60803	

FORMULATION FROM LABEL:

Active Ingredient(s):	% by wt.
Azoxystrobin	22.9
Other Ingredients:	77.1
Total:	100.0%

BACKGROUND: Nufarm Americas, Inc. has applied for registration of NUP-08099, EPA File Symbol 228-TEN, claiming to be substantially similar to EPA Reg. No. 100-1098. Both products contain 22.9% azoxystrobin. The submission includes a basic CSF dated May 28, 2013, a label, data matrix and company letter.

The registrant is using the cite all method of data support to satisfy the acute toxicity data requirements. A search of the OPP electronic databases shows that acute toxicity studies were submitted to support the registration of the cited product, 100-1098 (transferred from 10182-415). These studies were reviewed and classified as acceptable in two prior Registration Division memos (Blackwell; D224545; EPA File Symbol 10182-URL; 24/FEB/1997 and Blackwell; D235335; EPA File Symbol 10182-URL; 20/MAY/1997).

RECOMMENDATIONS:

1. TRB compared the basic CSFs of the proposed product, 228-TEN, and the cited product, 100-1098, and determined that the formulations are substantially similar.

2. The acute toxicity profile for the proposed product, NUP-08099, EPA File Symbol 228-TEN, is as follows:

acute oral toxicity	IV	cited	EPA Reg. No. 100-1098
acute dermal toxicity	III	cited	EPA Reg. No. 100-1098
acute inhalation toxicity	IV	cited	EPA Reg. No. 100-1098
primary eye irritation	IV	cited	EPA Reg. No. 100-1098
primary skin irritation	IV	cited	EPA Reg. No. 100-1098
dermal sensitization	negative	cited	EPA Reg. No. 100-1098

3. The proposed basic CSF submitted for 228-TEN must be reviewed and accepted by the TRB Product Chemistry Team.

LABELING: Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

PRODUCT ID #: 000228-00720

PRODUCT NAME: NUP-08099

PRECAUTIONARY STATEMENTS

SIGNAL WORD: CAUTION

Hazards to Humans and Domestic Animals:

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

First Aid:

If on skin:
-Take off contaminated clothing.
-Rinse skin immediately with plenty of water for 15-20 minutes.
-Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

User Safety Recommendations:
Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.. Remove and wash contaminated clothing before reuse.

21-Day Screen Completed by Contractor

21-Day Expires on 6-5-13

Jacket # 228-TEN
MRID# 491071

Content Screen: Recommend to Pass/Fail

11-3 Review: Pass/Fail/NA

Overall Status: Recommend to Pass/Fail

Transfer This Jacket to:

STEPHEN SCHAIBLE

Completion of 21-Day Content Screen

PM- 20

EPA Reg. #(File Symbol) 228-TEN

Decision # D_____

Data package delivered to you on 5-30-13.
(date)

Jacket/Mini-jacket will be transferred to you today.
(Pick up from Document Center)

Thank you,

Registration Division's 21–Day Content Team

E-SUBMISSION

Reg # 228 - TEN

Memorandum

Date: 05 / 21 / 13

To: PM 20, Regulatory Manager

From: Information Services Branch, ITRMD

Your receipt of this data submission is not an indication that MRIDs for the enclosed studies have been posted to OPPIN.

We expect that it will be approximately 5 days from the above date before the study-level data is available in OPPIN.

If you have any questions about this process, please contact Teresa Downs (305-5363).

This is a:
- ☑ fully accepted submission
- ☐ partially accepted submission
- ☐ rejected submission

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 17, 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

NUFARM AMERICAS, INC.
NUFARM AMERICAS, INC.
4020 AERIAL CENTER PKWY., STE. 103
MORRISVILLE, NC 27560

Report of Analysis for Compliance with PR Notice 11-03

Thank you for your submittal of 15-MAY-13. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 11-03. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.

PRIA 3 – 21 Day Content Screen Review Worksheet

(EPA/OPP Use Only)

September 2012

21 Day Screen Start Date: 5-15-13

Experts In-Processing Signature: B.B. Date 5-20-13 Fee Paid: Yes ✓

Division management contacted on issues No _____ Yes _____ Date _____

EPA Reg. Number: 228-TEN	EPA Receipt Date: 5-15-13

	Items for Review			Yes	No	N/A*
1	**Application Form** (EPA Form 8570-1) signed & complete including package type			X		
2	**Confidential Statement of Formula** all boxes completed, form signed, and dated (EPA Form 8570-4)			X		
	a) All inerts, including fragrances, approved for the proposed uses (see Footnote A)	yes: X	no:			
3	**Certification with Respect to Citation of Data** (EPA Form 8570-34) completed and signed (N/A if 100% repack)			X		
	Certificate and data matrix consistent			X		
	If applicant is relying on data that are compensable, is the offer to pay statement included. (see Footnote B)	yes:	no:			
	If applicable, is there a letter of Authorization for exclusive use only.					
4	**Formulator's Exemption Statement** (EPA Form 8570-27) completed and signed (N/A if source is unregistered or applicant owns the technical)			X		
5	**Data Matrix** (EPA Form 8570-35) both internal and external copies (PR 98-5) completed and signed (N/A if 100% repack)			X		
	a) Selective Method (Fee category experts use)	yes: X	no:			
	b) Cite-All (Fee category experts use)	yes:	no:			
	c) Applicant owns all data (Fee category experts use)	yes:	no:			
6	**5 Copies of Label (Electronic labels on CD are encouraged and guidance is available)**			X		
7	**Is the data package consistent with PR Notice 86-5**			X		
8	**Notice of Filing included with petitions**					X

9	**If applicable for conventional applications, <u>reduced risk rationale</u>**			X
10	**<u>Required Data</u> and/or data waivers. See Footnote C.**			
	a) List study (or studies) not included with application			

Comments:

* Studies parred PRN 11-03 review.
* Inerts are approved for food use under 40 CFR 180.910. Two inerts were not approved under 910 and the registrant was contacted. The registrant replaced with ones which are approved under 910. (See emails and inert status form)
* Jacket parred.

AB

MRID: 491071

* N/A – Not Applicable

Footnotes

A. During the 21 day initial content review, all CSFs will be reviewed to determine whether all inerts listed, including fragrances, are approved for the proposed uses or have an application pending with the Agency. If an unapproved inert with no application pending with the Agency is identified, the applicant must either 1) resolve the inert issue by, for example, removing the inert, substituting it with an approved inert, submitting documentation that EPA approved the inert for the proposed pesticidal uses, correcting mistakes on the CSF, etc. or 2) provide the data to support OPP approval of the inert or 3) withdraw the application. Removing or substituting an inert ingredient will require a new CSF and may require submission of data. All information, forms, data and documentation resolving the inert issue must have been received by the Agency or the application withdrawn within the 21 day period, otherwise, the Agency will reject the application as described below.

To successfully complete this aspect of the 21 day initial content screen, applicants are **strongly encouraged** to verify that all inert ingredients have been approved for the application's uses or have an application pending with the Agency **even if a product is currently registered** by consulting the inert Web site and if the inert is not approved nor has an application pending with the Agency, to **obtain the necessary inert approval prior to submitting an application to register a pesticide product containing that inert ingredient.** Some inert ingredients are no longer approved for food uses or certain types of uses. The name and/or CAS number on a CSF must match the name and CAS number on this web site. Simple typographical errors in the name or CAS number have resulted in processing delays.

If an inert is not listed on the inert ingredient web site and the applicant believes that the inert has been approved, the applicant should contact the Inert Ingredient Assessment Branch (IIAB) at inertsbranch@epa.gov and resolve the issue. Copies of the correspondence with IIAB resolving the issue should accompany the application. All new inerts except PIP inerts are reviewed by IIAB. The IIAB should also be contacted for any questions on what supporting data needs to be submitted for and the Agency's inert review process. Questions on PIP inerts should be directed to the Chief of Microbial Pesticides Branch.

When a brand, trade, or proprietary name of an inert ingredient is listed on a CSF, additional information such as an alternate name of the inert, CAS number or other information must also be included to enable the Agency to determine if it has been approved. Each component of an inert mixture (including a fragrance) must be identified. In some cases, the supplier of the mixture or fragrance may need to provide this information to the Agency. Prior to the Agency's receipt of an application, applicants must arrange with a proprietary mixture or fragrance supplier to provide the component information to the Agency or promptly upon EPA's request. If the inert ingredients in a proprietary blend (including fragrances) cannot or are not identified or provided within the 21-day content review period, the Agency will reject the application.

During the 21 day content review, applicants should submit information to the individual identified by the Agency when the applicant is informed of an unapproved inert.

Unapproved Inerts Identified on CSFs

All applications except conventional new products and PIPs

Once an unapproved inert is identified on a CSF, the Agency will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or

2. Provide the required information necessary to identify an inert approval application that is pending with the Agency; or

3. Submit the information and data needed for the Agency to approve the unapproved inert. If this option is selected and implemented, the Agency may request an extension in the PRIA decision review timeframe to accommodate the inert review/approval process;

4. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of these options is selected and implemented by the applicant within the 21 day content review period, the Agency will reject the application and retain 25% of the full fee of the category identified.

Conventional New Product Applications

When the Registration Division identifies an unapproved inert on a CSF with an application for a new product that the applicant has not identified as requiring an inert approval (R300 or R301), it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the inert's identity or CAS number, providing documentation that the inert has been approved, or removing the unapproved inert from the CSF or replacing it with one that is approved for the application's uses; or

2. Submit the information and data needed for the Agency to approve the unapproved inert, including any required petition to establish or amend a tolerance or exemption from a tolerance. (This option may change the PRIA category for the application, which could require a longer decision review time and a larger fee. If additional fees are due, they must be received by the Agency within the 21 day content review period.)

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21-day content-review period, the Agency will reject the application and retain 25% of the appropriate fee for the new product-inert approval category.

PIP Applications

When the Biopesticide and Pollution Prevention Division identifies an unapproved inert on a PIP CSF and a request to approve the inert does not accompany the application, it will contact the applicant with the following options:

1. Correct the application by, for instance, correcting the spelling or name of the inert to that in 40 CFR 174, or providing documentation that the inert has been approved; or

2. Submit the information and data needed for the Agency to approve the unapproved inert. If an inert ingredient tolerance exemption petition is required, the petition must be received by the Agency and the B903 fee paid within the 21 day period. If this option is selected and implemented, the Agency will discuss harmonizing the timeframe for both actions.

3. Withdraw the application (the Agency retains 25% of the full fee for the fee category estimated); or

If none of the above options is selected and implemented during the 21 day content review period, the Agency will reject the application and retain 25% of the fee.

B. A policy on documentation of offers to pay is still being developed, however, for a me-too or fast track (similar/identical) new product, R300 or A530, an application without the necessary authorizations of offers to pay will be placed into either R301 or A531. The Agency recommends that authorizations of offers to pay be submitted with other PRIA applications to avoid delays in the Agency's decision.

C. Biopesticide applicants are advised to contact the Agency and discuss study waivers prior to submitting their application to the Agency. Documentation of such discussions should be submitted with the study waiver.

Script for Rejection Phone calls

Contact Name: Danielle A. Larochelle
Phone #: 919-379-2530
Email: danielle.larochelle@us.nufarm.com

First Call/Initials: AB	**Second Call/Initials:**
Date: 05/21/13	**Date:**
Time: 1:45 PM	**Time:**

This is Aswathy Balan **, EPA contractor.**

I'm calling regarding your submission in support of Reg # 228-TEN .

Panel

We have found the following deficiencies regarding:
PR Notice 2011-3: Yes or (No)
Volume/Study Title:

Volume/Study Title:

Volume/Study Title:

Additional volumes continued on back of page: Yes or (No)

Application Package: (Yes) or No

* Two inerts not approved under 40 CFR 180.910.

These deficiencies have been approved by EPA.
The corrections can be faxed to 703-305-5060/Attn: Aswathy Balan.

Second Call/Email:
If we do not receive the corrections by _____, we will process your submission, accordingly. Please direct all future calls and correspondence to the appropriate EPA Risk Manager.

Balan, Aswathy

From: danielle.larochelle@us.nufarm.com
Sent: Tuesday, May 28, 2013 11:22 PM
To: Balan, Aswathy
Subject: RE: Submission to EPA: Product NUP-08099(Reg# 228-TEN)
Attachments: 000228-00TEN.20130528.NUP-08099.CSF_Basic.pdf; [redacted] MSDS.pdf; [redacted] Technical DataSheet.pdf; [redacted] msds.pdf

Dear Balan,

Attached is the revised CSF for NUP-08099 (File Symbol 228-TEN) and the MSDS/Technical data sheet for the inert ingredients that replace[redacted] and [redacted].
Please let me know if you need anything else.

Best regards,

Danielle

Danielle A. Larochelle - Nufarm Americas Inc.
Regulatory Affairs Manager
4020 Aerial Center Parkway, Suite 101; Morrisville, NC 27560
☎: (919) 379-2530; Cell: (919) 500-0925
✉: danielle.larochelle@us.nufarm.com

From: "Balan, Aswathy" <Balan.Aswathy@epa.gov>
To: "danielle.larochelle@us.nufarm.com" <danielle.larochelle@us.nufarm.com>,
Date: 05/28/2013 07:01 AM
Subject: RE: Submission to EPA: Product NUP-08099(Reg# 228-TEN)

Ms. Danielle:

[redacted]. You can replace with these inerts and send the revised CSF to me.

Thanks,
Aswathy

Aswathy Balan
EPA Contractor.
2777 S. Crystal Drive, S4811
Arlington, VA 22202
Ph: 703-347-8787
Fax: 703-305-5060

From: danielle.larochelle@us.nufarm.com [mailto:danielle.larochelle@us.nufarm.com]
Sent: Friday, May 24, 2013 9:59 AM

To: Balan, Aswathy
Subject: RE: Submission to EPA: Product NUP-08099(Reg# 228-TEN)

Good morning,

Our formulation chemist may have identified substitutes for the [redacted] inert ingredients that are not approved for post-harvest use. However, I am not certain that these are approved - could you possibly confirm that the following [redacted] inerts may be used in formulations for post-harvest use:

[redacted] would replace [redacted]
[redacted] would replace [redacted]

[redacted],
it is listed under **§ 180.950 Tolerance exemptions for minimal risk active and inert ingredients**

[redacted] (21 CFR t73.340)

MSDS and technical data sheet attached.

Thank you very much for your help.

Danielle

Danielle A. Larochelle - Nufarm Americas Inc.
Regulatory Affairs Manager
4020 Aerial Center Parkway, Suite 101; Morrisville, NC 27560
☎: (919) 379-2530; Cell: (919) 500-0925
✉: danielle.larochelle@us.nufarm.com

From: "Balan, Aswathy" <Balan.Aswathy@epa.gov>
To: "danielle.larochelle@us.nufarm.com" <danielle.larochelle@us.nufarm.com>,
Date: 05/22/2013 10:38 AM
Subject: RE: Submission to EPA: Product NUP-08099(Reg# 228-TEN)

You need to provide me the corrections by May 29th. If you want to amend the label and remove post harvest uses, both ingredients will be approved for pre harvest use at the % concentration used in the product. I would say its your choice. Let me know if you have any questions.

Aswathy Balan
EPA Contractor
2777 S. Crystal Drive, S4811
Arlington, VA 22202
Ph: 703-347-8787
Fax: 703-305-5060

From: danielle.larochelle@us.nufarm.com [mailto:danielle.larochelle@us.nufarm.com]

Sent: Wednesday, May 22, 2013 10:08 AM
To: Balan, Aswathy
Subject: Re: Submission to EPA: Product NUP-08099(Reg# 228-TEN)

Good Morning,
Thank you for letting me know about this issue. We are looking for other inerts that can replace those in the proposed CSF. Can I reply to you later this week - is there a deadline for submission of the revised CSF? Just to be sure I understand all our options, would amending the label to remove the post-harvest uses be an acceptable alternative?

Regards,

Danielle

Danielle A. Larochelle - Nufarm Americas Inc.
Regulatory Affairs Manager
4020 Aerial Center Parkway, Suite 101; Morrisville, NC 27560
☎: (919) 379-2530; Cell: (919) 500-0925
✉: danielle.larochelle@us.nufarm.com

From: "Balan, Aswathy" <Balan.Aswathy@epa.gov>
To: "danielle.larochelle@us.nufarm.com" <danielle.larochelle@us.nufarm.com>,
Cc: "Ashe, Anthony" <Ashe.Anthony@epa.gov>
Date: 05/21/2013 01:45 PM
Subject: Submission to EPA: Product NUP-08099(Reg# 228-TEN)

Dear Ms. Larochelle,

This email is regarding your Application for Registration of the product NUP-08099 (Reg# 228-TEN). Two inert ingredients in the CSF are not approved under 40CFR 180.910, post harvest food use. Since there are post harvest uses mentioned in the product label, these two inerts need to be replaced on the CSF. Please see the attached form to find the two inerts. You can send the revised CSF via email or fax to 703-305-5060. If you have any questions, do not hesitate to contact me.

Thanks,

Aswathy Balan
EPA Contractor
2777 S. Crystal Drive, S4811
Arlington, VA 22202
Ph: 703-347-8787
Fax: 703-305-5060
[attachment "Inert Status- 228-TEN.docx" deleted by Danielle Larochelle/US/Nufarm]

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Nufarm Americas Inc. and its affiliated companies.
Fax: +1 630 455 2001.

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R 300 and 301

100% identical (repack): YES or NO (circle one)
{If **yes**, it's a 100% repack - then product chemistry, acute toxicity and efficacy data are not required}

Data on Group A and B must be submitted - Group A and B can not be cited.

Guideline No.	Group A: Product Chemistry Data Study Title	Data submitted	
		Yes	No
830.1550	Product Identity & Composition	✓	
830.1600	Description of materials used to produce the product	✓	
830.1650	Description of formulation process	✓	
830.1670	Discussion on the formation of impurities	✓	
830.1700	Preliminary analysis		NA
830.1750	Certified limits (158.345)	✓	
830.1800	Enforcement analytical method	✓	

Guideline No.	Group B: Product Chemistry Data Study Title	Data submitted	
		Yes	No
830.6302	Color	✓	
830.6303	Physical State	✓	
830.6304	Odor	✓	
830.6314	Oxidation/Reduction (Chemical incompatibility)	✓	
830.6315	Flammability		NA
830.6316	Explodability		NA
830.6317	Storage stability		in progress
830.6319	Miscibility		NA
830.6320	Corrosion Characteristics		in progress
830.6321	Dielectric Breakdown voltage		NA
830.7000	pH	✓	
830.7100	Viscosity	✓	
830.7300	Density	✓	

R 300 and 301

New products must provide a bridging rationale document. The bridging document directs OPP to use a currently registered set of 6 acute toxicity data and label; instead of submitting product specific data.

Guideline No.	Acute toxicity (6 pack) Study Title	Cited	
		Yes	No
870.1100	Acute Oral (LD50)	✓	
870.1200	Acute Dermal (LD50)	✓	
870.1300	Acute Inhalation (LC50)	✓	
870.2400	Acute Eye Irritation	✓	
870.2500	Acute Dermal Irritation	✓	
870.2600	Dermal Sensitization	✓	

Efficacy - which guideline depends on the proposed label use and they must cite the data to be used for the bridging rationale.

Guideline No.	Efficacy Study Titles	Cited		Comments
		Yes	No	
810.3100	Soil Treatments for Imported Fire Ants			
810.3200	Livestock, Poultry, Fur and Wool-Bearing Animal Treatments			
810.3300	Treatments to Control Pests of Humans and Pets			N/A
810.3400	Mosquito, Black Fly, and Biting Midge (Sand Fly) Treatments			
810.3500	Premises Treatments			
810.3600	Structural Treatments			
810.3800	Methods for Efficacy Testing of Termite Baits			

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

May 17, 2013

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

OPP Decision Number: D-478901
EPA File Symbol or Registration Number: 228-TEN
Product Name: NUP-08099
EPA Receipt Date: 15-May-2013
EPA Company Number: 228
Company Name: NUFARM AMERICAS, INC.

DANIELLE A. LAROCHELLE
NUFARM AMERICAS, INC.
4020 AERIAL CENTER PKWY., STE. 103
MORRISVILLE, NC 27560-

SUBJECT: Receipt of Registration Application Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application and certification of payment. If you submitted data with this application, the results of the PRN-2011-3 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R300

NEW PRODUCT;OR SIMILAR COMBINATION PRODUCT (ALREADY REGISTERED) TO AN IDENTICAL OR SUBSTANTIALLY SIMILAR IN COMPOSITION AND USE TO A REGISTERED PRODUCT;REGISTERED SOURCE OF ACTIVE INGREDIENT;NO DATA REVIEW ON ACUTE TOXICITY, EFFICACY OR CRP - ONLY PRODUCT CHEMISTRY DATA;CITE-ALL DATA CITATION, OR SELECTIVE DATA CITATION WHERE APPLICANT OWNS ALL REQUIRED DATA, OR APPLICANT SUBMITS SPECIFIC AUTHORIZATION LETTER FROM DATA OWNER;CATEGORY ALSO INCLUDES 100% RE-PACKAGE OF REGISTERED END-USE OR MANUFACTURING-USE PRODUCT THAT REQUIRES NO DATA SUBMISSION NOR DATA MATRIX;

No additional payment is due at this time. If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman at (703) 308-9362.

Sincerely,

Front End Processing Staff
Information Technology & Resources Management Division

MP

Fee for Service

{935578Y~

This package includes the following

- (•) New Registration
- ( ) Amendment

[x] Studies? [ ] Fee Waiver?

[ ] volpay % Reduction: ___

for Division

- ( ) AD
- ( ) BPPD
- (•) RD

Risk Mgr. 20

Receipt No. S- 935578

EPA File Symbol/Reg. No. 228-TEN

Pin-Punch Date: 5/15/2013

[ ] This item is NOT subject to FFS action.

Action Code:

Requested: R300

Granted: R300

Amount Due: $ 1434

Parent/Child Decisions:

[x] Inert Cleared for Intended Use [x] Uncleared Inert in Product

Reviewer: JM Date: 5/17/13

Remarks: Similarity Cenic

SUBMISSION

Pay.gov Payment Confirmation: PRIA Service Fees
paygovadmin to: danielle.larochelle@us.nufarm.com 05/13/2013 06:46 PM

Your payment has been submitted to Pay.gov and the details are below. If you have any questions or you wish to cancel this payment, please contact Pay.gov Customer Service by phone at (800) 624-1373 or by email at pay.gov.clev@clev.frb.org.

Application Name: PRIA Service Fees
Pay.gov Tracking ID: 25AODIFE
Agency Tracking ID: 74449340911
Transaction Type: Sale
Transaction Date: May 13, 2013 6:46:20 PM

Account Holder Name: DANIELLE LAROCHELLE
Transaction Amount: $1,434.00
Billing Address: 4020 AERIAL CENTER PARKWAY
Billing Address 2: SUITE 101
City: MORRISVILLE
State/Province: NC
Zip/Postal Code: 27560
Country: USA
Card Type: AmericanExpress
Card Number: **********1002

Decision Number:
Registration Number: 228-XXX
Company Name: Nufarm Americas Inc.
Company Number: 228
Action Code: R300

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.

SUBMISSION

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

EPA United States Environmental Protection Agency Washington, DC 20460

☒ Registration ☐ Amendment ☐ Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
228-XXX	Driss Benmhend	☒ None ☐ Restricted
4. Company/Product (Name)	PM#	
NUP-08099	20	

5. Name and Address of Applicant *(Include ZIP Code)*

NUFARM AMERICAS INC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

☐ *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to:

EPA Reg. No.: 100-1098

Product Name: Abound® Flowable Fungicide

Section - II

☐ Amendment – Explain below.
☐ Resubmission in response to Agency letter dated _____
☐ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☒ "Me Too" Application
☐ Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

REGFEE = R300; Cost $1,434; 4 month review - ELECTRONIC-SUBMISSION

Application for the registration of a new end-use product substantially similar in composition and use to a registered product; registered source of active ingredient;

CONTACT: Danielle Larochelle, Nufarm Americas Inc, 4020 Aerial Center Parkway, Suite 101, Morrisville, NC 27560. Tel: 919-379-2530. Email: danielle.larochelle@us.nufarm.com

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging		Water Soluble Packaging		2. Type of Container
☐ Yes* ☒ No	☐ Yes ☒ No		☐ Yes ☒ No		☐ Metal ☒ Plastic ☐ Glass ☐ Paper ☐ Other (Specify)
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	

Certification must be submitted

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☒ Label ☐ Container	1 Gallon; 2,5 Gallons; 30 Gallons	☒ On Label ☐ On labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☒ Other Crack and peel

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application)*

Name	Title	Telephone No. (Include Area Code)
Danielle A. Larochelle	Registration Manager	919-379-2530

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title	
Danielle A. Larochelle	Registration Manager	
4. Typed Name	4. Date	
Danielle A. Larochelle	May 10, 2013	

EPA Form 8570-1 (Rev. 8-94) *Previous editions are obsolete* White- EPA File Copy (original) Yellow- Applicant Copy

e-Submission

NUFARM AMERICAS INC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560
Phone: (919) 379-2510 ■ Fax: (919) 467-5923

May 10, 2013

Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attention: Mr. Driss Benmhend, Acting PM (20)

Dear Mr. Benmhend:

Subject: NUP-08099 – EPA Reg. No. 228-XXX
Application for the Registration of a New End-Use Product

Action Code R300; PRIA Service Fee: $1,434 (4 Month Review)
Pay.gov Tracking ID: 25AODIFE; Agency Tracking ID: 74449340911

ELECTRONIC SUBMISSION

Please find enclosed an application for the registration of NUP-08099, a new end-use product substantially similar to a registered product. The formulation and labeling for the proposed product are very similar to EPA Reg. No. 100-1098 (Abound Flowable Fungicide). A proposed Basic CSF (dated 04-15-2013), label, and supporting product chemistry studies are provided with this application.

A transmittal document is attached which lists all administrative documents and studies submitted in support of this action.

If you have any questions regarding this submission or if you need additional information, please contact me by phone at (919) 379-2530 or by email at danielle.larochelle@us.nufarm.com.

Sincerely,

Danielle A. Larochelle
Registration Manager

Enclosures

-SUBMISSION

NUFARM AMERICAS INC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560
Phone: (919) 379-2510 ■ Fax: (919) 467-5923

TRANSMITTAL DOCUMENT

NUP-08099; EPA Reg. No. 228-XXX

Name and Address of Submitter

Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Company Contact:

Danielle A. Larochelle
Registration Manager

Phone: 919-379-2530
Email: danielle.larochelle@us.nufarm.com

Regulatory action in support of which this package is submitted

NUP-08099; EPA Reg. No. 228-XXX
Application for the registration of a new end-use product substantially similar in composition and use to a registered product (registered source of active ingredient)
PRIA Action Category: R300; Cost: $1,434; 4 Month Review

Submission Date

May 10, 2013

List of Submitted Documents

Volume #	Citation	MRID #
1 of 8	Administrative Materials: 1. Cover Letter 2. PRIA Fee Online Payment Confirmation 3. Transmittal Document 4. Application for Pesticide Amendment - Form 8570-1 5. Certification with Respect to Label Integrity 6. Formulator's Exemption Statement – Form 8570-27 7. Data Matrix – Form 8570-35 (EPA Int. copy) 8. Data Matrix – Form 8570-35 (Public version) 9. Certification with Respect to Citation of Data – Form 8570-34 10. Proposed Label 11. Proposed Alternate CSF dated 03-06-2013	N/A
GLN Nos. 830.1550, 830.1600, 830.1650, 830.1670, 830.1700, 830.1750, 830.1800		
2 of 8	Byrne, T., (2013) NUP-0809 Product Chemistry – OPPTS 830.1550-830.1800; April 15, 2013; Study No. RTP-10-005-REG, 22 pages (99pp total with Conf. Attachment).	49107101
GLN Nos. 830.1800		
3 of 8	Parmar, J.M., (2008) Validation of Analytical Method for Active Ingredient Analysis of NUP-08099 by HPLC; December 22, 2008; Study No. 8339; 59 pages.	49107102

List of Submitted Documents (*continued*)

Volume #	Citation	MRID #
GLN Nos. 830.6302, 830.6303, 830.6304		
4 of 8	Desai, H.K., (2008) Appearance (Colour, Physical State and Odour) of NUP-08099; November 19, 2008; Study No. 8331, 23 pages.	49107103
GLN Nos. 830.6314		
5 of 8	Vohra, H.Y., (2008) Oxidation / Reduction Properties of NUP-08099; November 19, 2008; Study No.8335; 25 pages.	49107104
GLN Nos. 830.7000		
6 of 8	Parmar, J.M., (2008) pH of NUP-08099; November 15, 2008; Study No. 8333; 24 pages.	49107105
GLN Nos. 830.7100		
7 of 8	Vohra, H.Y., (2008) Viscosity of NUP-08099; November 19, 2008; Study No. 8336; 25 pages	49107106
GLN Nos. 830.7300		
8 of 8	Singh, S.K., (2009) Relative Density of NUP-08099; January 16, 2009; Study No. 8332; 23 pages.	49107107

Product ingredient source information may be entitled to confidential treatment

Form approved. OMB NO. 2070-0060. Approval Expires 1-30-93

United States Environmental Protection Agency
Washington, D.C. 20460

EPA

Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
Nufarm Americas Inc. 4020 Aerial Center Parkway, Suite t0t Morrisville, NC 27560	228-XXX
	Product Name NUP-08099
	Date of Confidential Statement of Formula (EPA Form 8570-4) **Basic CSF Dated 04-15-2013**

As an authorized representative of the applicant for registration of the product identified above, I here certify that:

(1) This product contains the following active ingredient(s):

AZOXYSTROBIN

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging of another product which contains that active ingredient, which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula *(EPA Form 8570-4)* for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula *(CSF) (EPA Form 8570-4)* referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

	Source	
Active Ingredient	**Product Name**	**Registration Number**
Azoxystrobin	[redacted]	[redacted]

Signature	Name and Title	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	May 10, 2013

EPA Form 8570-27 (Rev. 7-91) White - EPA copy Yellow - Applicant copy

E-SUBMISSION

Form Approved OMB No. 2070-0060

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address and Telephone Number	EPA Registration Number/ File Symbol
Nufarm Americas Inc. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560	228-XXX
Active Ingredient(s) and/or representative test compound(s): Azoxystrobin	Date May 10, 2013
General use pattern(s) (list all those claimed for this product using 40 CFR Part 158) Terrestrial Food and Feed Crops; Aquatic Food Crops Terrestrial Non-Food Crops	Product Name **NUP-08099**

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data Call-In Notice is supported by all data submitted or cited in the application for registration, the form for reregistration, or this Data Call-In response. In addition, if cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original submitter or that I have obtained the written permission of the original submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the written permission of the original data submitter to use this study in suppon of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(t)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Signature	Date	Typed or Printed Name and Title
Danielle A. Larochelle	May 10, 2013	Danielle A. Larochelle Registration Manager

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date	EPA Reg. No./File Symbol:	Page
May 10, 2013	228-XXX	Page 1 of 5

Applicant's/Registrant's Name & Address:

Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Product Name:

NUP-08099

Ingredient(s): **Azoxystrobin, CAS # 131860-33-8**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (Company No.)	Status	Note
	PRODUCT CHEMISTRY DATA REQUIREMENTS				
830.1550	Product Identity and Composition	49107101	228	OWN	
830.1600	Description of the Materials Used to Produce the Product	49107101	228	OWN	
830.1620	Description of the Production Process	N/A			1
830.1650	Description of the Formulation Process	49107101	228	OWN	
830.1670	Discussion of the Formation of Impurities	49107101	228	OWN	
830.1700	Preliminary Analysis	NA			2
830.1750	Certified Limits	49107101	228	OWN	
830.1800	Enforcement Analytical Method	49107101 49107102	228	OWN	
830.6302	Color	49107103	228	OWN	
830.6303	Physical State	49107103	228	OWN	
830.6304	Odor	49107103	228	OWN	
830.6313	Stability to normal / elevated temperatures, metals and metal ions	N/A			3
830.6314	Oxidizing/Reducing Reaction	49107104	228	OWN	
830.6315	Flammability	N/A			5

Signature	Name and Title:	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	May 10, 2013

EPA Form 9570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

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401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date May 10, 2013	EPA Reg. No./File Symbol: 228-XXX	Page 2 of 5
Applicant'sfRegistrant's Name & Address: **Nufarm Americas Inc.** **4020 Aerial Center Parkway, Suite t01** **Morrisville, NC 27560**	Product Name: **NUP-08099**	

Ingredient(s): **Azoxystrobin, CAS # 131860-33-8**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (Company No.)	Status	Note
830.6316	Explodability	N/A			6
830.6317	Storage Stability	- -			10
830.6319	Miscibility	N/A			7
830.6320	Corrosion Characteristics	- -			10
830.6321	Dielectric Breakdown Voltage	N/A			8
830.7000	pH	49107105	228	OWN	
830.7050	UV/Visible Absorption	N/A			3
830.7100	Viscosity	49107106	228	OWN	
830.7200	Melting Point	N/A			3
830.7220	Boiling Point	N/A			3
830.7300	Density, Bulk Density, Specific Gravity	49107107	228	OWN	
830.7370	Dissociation Constant	N/A			3
830.7520	Particle Size	N/A			9
830.7550 830.7560 830.7570	Partition Coefficient (n-octanol/water)	N/A			3

Signature	Name and Title:	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	May 10, 2013

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

DATA MATRIX

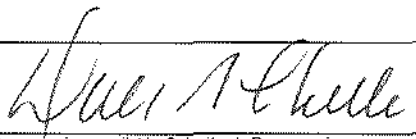
Date May 10, 2013	EPA Reg. No./File Symbol: 228-XXX	Page 3 of 5
Applicant's/Registrant's Name & Address: **Nufarm Americas Inc.** **4020 Aerial Center Parkway, Suite 101** **Morrisville, NC 27560**	Product Name: **NUP-08099**	

Ingredient(s): **Azoxystrobin, CAS # 131860-33-8**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (Company No.)	Status	Note
830.7840 830.7860	Water Solubility	N/A			3
830.7950	Vapor Pressure	N/A			3

FOOTNOTES

1. The Description of the Production Process (830.1620) is not applicable to an end-use product (40 CFR §158.310(f)(3)]. See 830.1650 for formulation process information.
2. Preliminary Analysis (830.1670) data are not required since this product does not consist solely of the technical grade active ingredient (TGAI) and is not produced by an integrated manufacturing process (40 CFR §158.310(f)(10)[.
3. Guidelines 830.6302, 830.6304, 830.6313, 830.7050, 830.7200, 830.7220, 830.7370, 830.7550, 830.7560, 830.7570, 7840, 830.7860, and 830.7950 – These data are not required since the product is an end use product [40 CFR §158.310 (e)].
4. Oxidizing/Reducing Reaction (830.6314) – requirement not applicable because product does not contain oxidizing or reducing agents [40 CFR §158.310(f)(13)]
5. Flammability (830.6315) data are not required since the product does not contain combustible liquids [40 CFR §158.310(f)(14)].
6. Explodability (830.6316) data are not required since the product is a water based solution and does not have explosive characteristics (40 CFR §158.310(f)(15)].
7. Miscibility (830.6319) data are not required since the product is not an emulsifiable liquid for dilution with petroleum solvents (40 CFR §158.310(f)(16)].
8. Dielectric Breakdown Voltage (830.6321) data are not required since the product is not for use around electrical equipment (40 CFR §158.310(f)(17)].
9. Particle size, fiber length, and diameter distribution (830.7520) - Data requirement not applicable since the product is not a water insoluble and/or fibrous substance (40 CFR §158.310(f)(23)].
10. Storage Stability (830.6317) and Corrosion Characteristics (830.6320) – studies to be submitted upon completion.

Signature	Name and Title:	Date
	Danielle A. Larochelle Registration Manager	May 10, 2013

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Form Approved OMB No. 2070-0060

DATA MATRIX

Date May 10, 2013	EPA Reg. No./File Symbol: 228-XXX	Page 4 of 5
Applicant's/Registrant's Name & Address: **Nufarm Americas Inc.** **4020 Aerial Center Parkway, Suite 101** **Morrisville, NC 27560**	Product Name: **NUP-08099**	

Ingredient(s): **Azoxystrobin**, CAS # 131860-33-8

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (Company No.)	Status	Note
	ACUTE TOXICITY DATA REQUIREMENTS				
870.1100 / 81-1	Acute Oral Toxicity (RAT)	Cite-All		PAY	†
870.1200 / 81-2	Acute Dermal Toxicity	Cite-All		PAY	†
870.1300 / 81-3	Acute Inhalation Toxicity	Cite-All		PAY	†
870.2400 / 81-4	Primary Eye Irritation	Cite-All		PAY	†
870.2500 / 81-5	Primary Skin Irritation	Cite-All		PAY	†
870.2600 / 81-6	Skin Sensitization	Cite-All		PAY	†
	GENERIC DATA REQUIREMENTS			FORM	
	† Offers-to-pay are sent to the following registrants listed on EPA's April 8, 2013, Data Submitters List:	(100) SYNGENTA CROP PROTECTION, LLC		PAY	
		(7501) GUSTAFSON LLC		PAY	
		(34704) LOVELAND PRODUCTS, INC		PAY	
		(61842) TESSENDERLO KERLEY, INC		PAY	
		(66222) MAKHTESHIM AGAN OF NORTH AMERICA, INC		PAY	
		(66607) SPRAY DRIFT TASK FORCE		PER	††
		(71754) OUTDOOR RESIDENTIAL EXPOSURE TASK FORCE		PER	††
		(71755) AGRICULTURAL REENTRY TASK FORCE		PER	††

Signature	Name and Title:	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	May 10, 2013

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WASHINGTON, D.C. 20460

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Date	EPA Reg. No./File Symbol:	Page
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Applicant's/Registrant's Name & Address:

Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Product Name:

NUP-08099

Ingredient(s): **Azoxystrobin, CAS # 131860-33-8**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (Company No.)	Status	Note
		(73989) FIFRA ENDANGERED SPECIES TASK FORCE		PER	††
		(75234) AGRICULTURAL HANDLERS EXPOSURE TASK FORCE		PER	††
	†† Nufarm Limited is a member of this Task Force.				

Signature	Name and Title:	Date
Danielle A. Larochelle	Danielle A. Larochelle Registration Manager	May 10, 2013

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Agency Internal Use Copy

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	**Date Submitted to EPA**	**Electronic file name**
000228-00XXX	May 10, 2013	000228-00XXX.20130510.NUP-08099_New EP

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Signature

May 10, 2013
Date

Danielle A. Larochelle
Name (typed)

Registration Manager
Title

E-SUBMISSION

Group	11	Fungicide

NUP-08099

Broad spectrum fungicide for the control of plant diseases.
For Control of Certain Post Harvest Diseases in Banana and Citrus

ACTIVE INGREDIENT	
Azoxystrobin (methyl (E)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]-phenyl}-3-methoxyacrylate	22.9%
OTHER INGREDIENTS	77.1%
TOTAL	100.0%

Contains 2.08 pounds of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.

CAUTION / PRECAUTIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

SEE LABEL BOOKLET FOR FIRST AID AND PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-XXX

EPA Est. No. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.
11901 S. AUSTIN AVENUE
ALSIP, IL 60803

NET CONTENTS: _____ (Gal.) (_____ liters)

[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

FIRST AID	
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (877) 325-1840 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCTIÓN

Harmful if absorbed through skin. Avoid contact with eyes, .skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemically resistant to this product are listed below. If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Notify State and/or Federal authorities and Nufarm immediately if you observe any adverse environmental effects due to use of this product.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Use of this product through airblast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania:

North East, Harborcreek, Lawrence Park, Erie, Presque Isle, MillCreek, Fairview, Girard, and Springfield.

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

PRODUCT INFORMATION

This product is a suspension concentrate (SC) or flowable formulation. It is a broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. This product may also improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to factors suchb as the crop, crop hybrid, or environment. This product may be applied as a foliar spray in alternating spray programs or in tank mixes with other registered crop protection products. Make all applications according to the use directions on this label.

USE PRECAUTIONS AND LIMITATIONS

For resistance management purposes, do not use this product in greenhouses.

Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

ATTENTION

This product is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). Refer to SPRAY DRIFT MANAGEMENT information below.

DO NOT spray this product where spray drift may reach apple trees.

DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather related factors determine the potential for spray drift.

DO NOT spray when conditions favor drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your State Extension agent for spray drift prevention guidelines in your area.

DO NOT apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

ROTATIONAL CROP RESTRICTIONS

The following crops may be planted at the specified interval following application of this product.

Crop	Plantback Interval
Buckwheat Millet	12 months
All other crops with Azoxystrobin registered uses	0 day

INTEGRATED PEST MANAGEMENT (IPM)

To reduce the potential for development of resistance, integrate this product into an overall disease and pest management strategy whenever the use of a fungicide is required. Follow cultural practices known to reduce disease development such as selection of disease-tolerant varieties, removal of plant debris in which inoculum overwinters, and proper timing and placement of irrigation. Consult with your State Agricultural Experiment Station or Extension Service specialist for additional IPM strategies established for your area. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

Crop Tolerance: Plant tolerance has been found to be acceptable for all crops on the label. However, not all possible tank mixture combinations have been tested under all conditions. It is recommended to test tank mixture combinations on a small portion of the crop to assess plant response before large scale applications. See the **USE PRECAUTIONS AND LIMITATIONS** section for apple phytotoxicity information.

RESISTANCE MANAGEMENT

This product is a Group 11 fungicide. The mode of action for azoxystrobin, the active ingredient in this product, is the inhibition of the Qol (quinone outside) site within the electron transport system as well as disruption of membrane synthesis by blocking demethylation [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use this product in accordance with resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Nufarm Americas Inc. encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label with Group 11 (Qol) fungicides.

Follow the crop specific resistance management recommendations provided in the directions for use.

If no resistance recommendation on number of applications is specified in the directions for use, follow the recommendations in the table below.

If planned total number of fungicide applications per crop is:	1	2	3	4	5	6	7	8	9	10	11	12
Recommended Solo Qol fungicide sprays	1	1	2	2	2	2	2	3	3	3	3	4
Recommended Qol fungicide sprays in mixture (tank-mix or formulated)	1	2	2	2	2	3	3	4	4	5	5	6

Under conditions requiring multiple fungicide applications, develop season long spray programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, alternating with two or more applications of a fungicide that is not in Group 11 will help reduce the potential for resistance development. If more than 12 applications are made, observe the following guidelines:

- When a QoI fungicide is used as a solo product, make no more than 1/3 (33%) of the total number of fungicide applications per season with the QoI containing product.
- For programs including tank mixes or premixes of QoI fungicide with mixing partners of a different mode of action, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.
- In programs including applications of QoI fungicides as both solo products and mixtures, the number of QoI containing applications must represent no more than 1/2 (50%) of the total number of fungicide applications per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

SOILBORNE/SEEDLING DISEASE CONTROL

For crops that have specific use directions for soilborne disease control:

This product can provide control of many soilborne diseases if applied early in the growing season. Specific applications for soilborne diseases include in-furrow applications and banded applications applied over the row, either shortly after plant emergence or during herbicide applications or cultivation. These applications will provide control of pre- or postemergence damping off and diseases that infect plants at the soil-plant interface.

The use of either type of application depends on the regional cultural practices. In some locations, one type of application may provide better disease control than the other, depending on the timing of the disease epidemic. Seedling diseases are generally controlled by in-furrow applications while banded applications are more effective against soilborne diseases that develop later in the season. Consult your local expert to get some guidance regarding application type.

Under cool, wet conditions, crop injury from soil directed applications can occur.

Banded application

Apply this product prior to infection as a directed spray to the soil, using single or multiple nozzles, adjusted to provide thorough coverage of the lower stems and the soil surface surrounding the plants. Limit band width to 7 inches or less. Apply this product at a rate of 0.40-0.80 fl oz product (0.10-0.20 oz. a.i.) per 1000 row feet. For banded applications on 22-inch rows, the maximum application rate is 0.70 fl oz per 1000 row feet. These applications come into contact with the foliage and are counted as foliar applications when considering resistance management. They may be applied during cultivation or hilling operations to provide soil incorporation.

In-furrow application

Apply this product as an in-furrow spray in 3-15 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate allowed when weather conditions are expected to favor disease development, if the field has a history of Pythium problems, or if minimum/low till programs are in place.

In-Furrow Application Rates

Rate per 1,000 Row Feet		Amount of Product per Acre (fl oz)						
fl oz product	oz a.i.	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.40	0.10	9.5	7.0	6.5	6.1	5.8	5.5	5.2
0.60	0.15	14.3	10.5	9.8	9.2	8.7	8.3	7.8
0.80	0.20	19.0	14.0	13.0	12.2	11.6	11.0	10.4

22" = 23,760 row ft/A 32" = 16,315 row ft/A 36" = 14,520 row ft/A 40" = 13,068 row ft/A

30" = 17,424 row ft/A 34" = 15,374 row ft/A 38" = 13,754 row ft/A

Drip
Refer to the **Instructions for Use through Irrigation Systems (Chemigation) section.**

PRODUCT USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: The use of an adjuvant may improve consistency and performance of this product. Refer to crop specific directions for use for informaiton regarding the use of adjuvants.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications once the maximum amount of this product has been used. If resistant isolates to Group 11 fungicides are present, product performance may be reduced for certain diseases. When heavy infection pressure exists, when treating varieties highly susceptible to disease, or when environmental conditions are conducive to disease development, best results are obtained when using the higher rates and/or the shorter spray intervals allowed in the crop specific use directions on this label..

MIXING AND APPLICATION INSTRUCTIONS

Spray Equipment
All types of spray equipment commonly used for ground and aerial applications may be used with this product. Proper adjustment and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Nozzles
- Equip sprayers with nozzles that provide accurate and uniform application.
- Use nozzles that are the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- Use screens to protect the pump and to prevent nozzles from clogging.
- Use screens 16-mesh or coarser on the suction side of the pump.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's use guidelines.

Pump
- Use a pump with capacity to:
  a) Maintain 35 to 40 psi at nozzles.
  b) Provide sufficient agitation in tank to keep mixture in suspension. This requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.

For more information on spray equipment and calibration, consult sprayer manufacturers and state agricultural agency for advice. For specific local directions and spray schedules, consult your state agricultural agency for advice.

Spray Solution Preparation
- Proper mixing of this product with water requires use of a spray tank equipped with agitation.
- Prepare only the amount of spray solution required for immediate use. Do not allow spray mixture to stand overnight or for prolonged periods.
- Thoroughly clean spray equipment before preparing the spray solution.
- Maintain constant agitation throughout the spraying operation.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area

Stand-alone product solution:
- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add the specified amount of this product to the tank.
- Continue agitation while adding the remainder of the water and allow time for good dispersion.
- Begin application of the spray solution after the product has completely dispersed in the mix water and maintain agitation during spraying.

Tank mixture with other products:

- Add ½ to ⅔ of the required amount of water to a spray or mixing tank and begin agitation.
- Add tank mix partners to the tank in the following order: 1) wettable powder and water dispersible granule (WDG) formulations, 2) liquid flowables (aqueous suspensions), and 3) emulsifiable concentrates.
- Allow the material to completely dissolve and disperse into the mix water.
- Continue agitation while adding the remainder of the water and this product to the tank mix and allow time for good dispersion
- Begin application of the spray mixture while maintaining agitation.

Compatibility

This product is compatible with many pesticides and additives commonly used in tank mixtures. To determine the physical compatibility of this product with other products prior to full scale use, conduct a jar test as follows: Using a quart jar, add the proportionate amounts of the tank mixture components to 1 qt. of water. Add wettable powders and water dispersible granule (WDG) products first, then liquid flowables, and emulsifiable concentrates last. Mix thoroughly and let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been confirmed, use the same procedure for adding required ingredients to the spray tank.

NOTE: Some phytotoxicity may be observed when applying tank mixtures of this product with emulsifiable concentrate (EC) formulations. These effects may be enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some forms of silicone may also contribute to phytotoxicity.

INSTRUCTIONS FOR USE THROUGH IRRIGATION SYSTEMS (CHEMIGATION)

- Use only on crops for which chemigation is specified on this label.
- Apply this product through 1) sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; 2) drip irrigation systems. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water
- Apply in 0.1-0.25 inches of water per acre. Excessive water may reduce efficacy
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Spray Preparation: Clean chemical tank and injector system thoroughly. Flush system with clean water.

Drip Irrigation: This product may be applied through drip irrigation systems for soil-borne disease control. The soil should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, delay subsequent irrigation (water only) for at least 24 hours following drip application.

Sprinkler Irrigation

Apply this product through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move. Apply with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. In general, use the least amount of water required for proper distribution and coverage. If stationary systems (solid set, handlines or wheel lines other than continuous-move) are used, inject this product into no more than the last 20-30 minutes of the set.

Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips. Do not apply when wind speed favors drift beyond the area intended for treatment.

Plant injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniformly treated water. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.

If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.

Operating Instructions:

1. Do not apply when wind speed favors drift beyond the area intended for treatment.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
9. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when applying this product through center pivot systems as it may result in non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply1/8 to 1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified|by the equipment manufacturer. When applying this product through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the spray solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant agitation of the spray solution during the injection period.
- Continue to operate the system until the spray solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval. When applying this product through irrigation equipment, use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of product required to treat the area covered by the irrigation system.
- Add the required amount of product into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.

- Stop injection equipment after treatment is completed. Continue to operate the system until the spay solution has cleared the last sprinkler head.

Specific Instructions for Public Water Systems

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

DIRECTIONS FOR USE

ALFALFA *

* See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay) Crop Group 18

ALMONDS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Alternaria leaf and fruit spot *(Alternaria alternata)* Anthracnose *(Colletotrichum acutatum)* Leaf Blight *(Seimatosporium lichenicola)* Leaf rust *(Tranzschelia discolor)* Scab *(Cladosporium carpophilum)* Shothole *(Wilsonomyces carpophilus)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use a minimum spray volume of 15 GPA. Thorough and uniform coverage is essential for disease control. Reduced efficacy has been observed as a result of non-uniform coverage. This product may be applied by air only at growth stages prior to and including 5 weeks after petal fall. An adjuvant may be added at label specified rates. For anthracnose, scab and shothole, begin applications prior to disease development and continue at 7- to 10- day intervals throughout the season. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown Rot Blossom Blight *(Monilinia laxa, M. fructicola)*	12.0-15.5 (0.20-0.25)	
Use Limitations Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 28 Days.		

ARTICHOKE, GLOBE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Ramularia leaf spot *(Ramularia cynarae)*	11.0-15.5 (0.18-0.25)	Begin applications prior to or in the early stages of disease development and continue as needed throughout the season at a 2 to 3 week interval, up to and including the day of harvest. Do not apply at less than 7-day intervals. Apply by ground, air, or chemigation. For ground applications, apply in 50-200 gallons of water per acre to obtain coverage without excessive runoff. For aerial applications, use a minimum of 5 gallons of water per acre. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

ASPARAGUS

Target Disease	Use Rate fl oz product/A lb a.i./A	Application Directions
Stemphyllium purple spot *(Stemphyllium vesicarium)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 100 Days.		

BANANAS, PLANTAINS

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Black Sigatoka *(Mycosphaerella fijiensis)* Yellow Sigatoka *(Mycosphaerella musicola)*	5.5-8.5 (0.09-0.135)	Begin applications prior to disease development and continue throughout the season at 12- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 66.4 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.08 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		
Post Harvest Applications: Crown rot/Crown mold (*Collefotrichum musae, Fusarium pallidoroseum, Acremonium* spp., *Cerafocystis paradoxa, Glomerella cingulafa, Penicillium* spp.)	200-400 ppm solution	Make a single application of a 200-400 ppm solution to achieve good coverage. Apply as a spray or dip or by painting onto the cut ends of the bananas. Use the 200 ppm application rate for short transportation distances (e.g., within the U.S.) and the 300-400 ppm application rate for long distance transportation (e.g., exports). If alum (1% v/v) is added to the spray mixture, stir the suspension frequently as it will settle out. The addition of a non-ionic surfactant (0.10% v/v) may improve the compatibility of this mixture. **Amount of this product required per 100 gallons of spray solution to obtain the given concentration (ppm):**

Desired Concentration (ppm)	fl oz of product / 100 Gallons Spray Solution
200	11
300	15
400	21

Use Limitations: Do not make more than one post harvest application to bananas. Do not store treated fruit in direct sunlight. Thiis product may degrade when exposed to direct sunlight.

BERRIES - BUSHBERRY Subgroup 13-07B

Aronia berry; Blueberry (highbush and lowbush); Buffalo Currant; Chilean Guava; Cranberry (highbush); Currant (black and red); Elderberry; European Barberry; Gooseberry; Honeysuckle (edible); Huckleberry; Jostaberry; Juneberry (Saskatoon berry); Lingonberry; Native Currant; Salal; Sea Buckthorn; and all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria Fruit Rot (*Alternaria* spp.) Anthracnose fruit rot (*Colletotrichum gloeosporoides*) Botryosphaeria canker (*Botryosphaeria* spp.) Mummyberry (*Monilinia vaccinii-corymbosi*) Phomopsis stem canker (*Phomopsis vaccinii*) Powdery mildew (*Sphaerotheca* spp.) Septoria blight (*Septoria* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BERRIES - CANEBERRY Subgroup 13-07A

Blackberry; Bingleberry; Boysenberry; Dewberry; Lowberry; Marionberry; Olallieberry; Youngberry; Loganberry; Raspberry (red and black); Raspberry (wild); all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Spaceloma necator),* *(Elsinoe veneta)* Botryosphaeria canker *(Botryosphaeria dothidea)* Colletotrichum rot *(Colletotrichum gloeosporioides)* Leaf spot *(Septoria rubi, Sphaerulina rubi)* Powdery mildew *(Sphaerotheca macularis)* Rosette or double blossom of blackberries *(Cercosporella rubi)* Spur blight *(Didymella applanata)*	6.0-15.5 (0.10-0.25)	Begin applications at onset of disease and continue as required until harvest. Make applications at 7- to 14-day intervals. Use a minimum water volume of 10 gal per acre by ground and a minimum of 3 gal by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Blackberry Rust (*Phragmidium* spp.)	10--15.5 (0.16-0.25)	

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

BERRIES - LOW GROWING Subgroup 13-07G (Except Cranberry)

Strawberry; Bearberry; Bilberry; Cloudberry; Muntries; Partridgeberry; all cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Colletotrichum fragariae)* Leather rot *(Phytophthora cactorum)* Powdery Mildew *(Sphaerotheca macularis)* Suppression of Botrytis on the Foliage *(Botrytis cinerea)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For leather rot control, make 2 applications at 7-day intervals from late bloom through harvest. **Dip applications at transplanting for commercial berry production**: For suppression of root and crown rot caused by *Colletotrichum* spp., mix 5-8 fl oz of this product per 100 gallons of water. Dip plants for 2-5 minutes. Plant treated plants as quickly as possible. It is recommended that transplants be washed prior to dipping to remove excess soil. For continued anthracnose control, follow with foliar applications beginning 2-3 weeks after transplant. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot *(Rhizoctonia solani)*	0.40-0.80 fl oz /1000 row ft	For soilborne/seedling disease control, see directions and rates under the **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not use in plant propagation nurseries. Do not exceed 61.5 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - HEAD AND STEM Subgroup 5A

Broccoli; Chinese broccoli (gai lon); Brussels sprouts; Cabbage; Chinese cabbage (napa); Chinese mustard cabbage (gai choy); Cauliflower; Cavalo broccolo; Kohlrabi; all cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot *(Alternaria spp.)* Downy mildew *(Peronospora parasitica)* Pin rot *(Alternaria spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 10 gallons of water per acre by ground and a minimum of 3 gallons per acre by air. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BRASSICA - LEAFY GREENS Subgroup 5B

Broccoli raab; Chinese cabbage (bok choy); Collards; Kale; Mizuna; Mustard greens; Mustard spinach; Rape greens; all cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black spot (*Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) White rust (*Albugo candida*)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling Root Rot, Basal Stem Rot (*Rhizoctonia solani*)	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

BULB VEGETABLES, Crop Group 3-07

Garlic; Leek; Bulb Onion [Chinese onion (bulb); daylily (bulb); fritillaria (bulb); garlic (bulb); great-headed garlic (bulb); lily (bulb); onion (bulb); pearl onion; potato onion (bulb); serpent garlic (bulb); shallot (bulb)]; **Green Onion** [Beltsville bunching onion; Chinese chive (fresh leaves),chive (fresh leaves); elegans hosta; fresh onion; fritillaria (leaves); green onion; kurrat; lady's leek; leek; macrostem onion; shallot (fresh leaves); tree onion (tops); Welsh onion (tops); wild leek]; **all cultivars, varieties, and/or hybrids of these**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Cladosporium leaf blotch (*Cladosporium allii*) Purple blotch (*Alternaria porri*) Rust (*Puccinia allii*)	6.0-12.0 (0.10-0.20)	For downy mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. For aerial applications, use the higher rates for adequate control. An adjuvant may be added at label specified rates. Test mixtures of this product with insecticides and silicone adjuvants for crop safety before applying to the crop. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Botrytis leaf blight (*Botrytis aclada*) Downy mildew (*Peronospora destructor*)	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Rhizoctonia damping-off (*Rhizoctonia solani*)	0.40-0.80 fl oz/1000 row ft	For soilborne/seedling disease control, see directions under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For in-furrow applications, direct the spray into the furrow just prior to seed placement so that the majority of the chemical is under the seed. This will reduce the potential for phytotoxicity, especially if fertilizer is added to the application.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CANOLA *

*** See Application Directions for Oilseed Crop Group 20 for additional information**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria blackspot *(Alternaria spp.)* Blackleg *(Lepfosphaeria maculans)* Sclerotinia stem rot *(Sclerotinia sclerotiorum)*	6.0-15.5 (0.10-0.25)	In general, apply 7.0 fl oz of this product at early bud followed by 14.0 fl oz at about 45 days before harvest. A third application of 7.0 fl oz may be made 30 days before harvest. Specifically for blackleg, apply at the 2- to 4-leaf stage. For Alternaria or Sclerotinia, apply 9.0-15.5 fl oz at 10-25% flowering (3-7 days following first flower). Use the higher rate under heavy disease pressure or when conditions are favorable for disease development. For control of Alternaria alone, apply 8.0 fl oz at pod stage (approximately 95% petal fall). Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 30 Days.		

CARROT *

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Early blight *(Cercospora carotae)* Late blight *(Alternaria dauci)* White mold *(Sclerotium rolfsii)* ***For additional diseases, see Application Directions for Root Vegetables Subgroup 1A**	9.0-20.0 (0.15-0.33)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CELERY *

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Early blight (*Cercospora apii*) Late blight (*Septoria apicola*) ***For additional diseases, see Leafy Vegetables (except Brassica)**	9.0-15.5 (0.15-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

CEREALS
Barley, Oats, Rye

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Kernel Blight (*Alternaria* spp.) Leaf Rust (*Puccinia hordei*)	6.0-12.0 (0.10-0.20)	Apply this product prior to disease development. Protecting the flag leaf is important for maximizing disease control. For best results, use sufficient water volume to provide thorough coverage. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. For chemigation, apply in 0.1 to 0.25 inch of water per acre. Chemigation with an excessive amount of water may reduce efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Barley Stripe (*Drechslera graminea* = *Pyrenophora graminea*) Net blotch (*Pyrenophora teres*)	9.0-12.0 (0.15-0.20)	
Powdery Mildew (*Erysiphe graminis f. sp. hordei*) Stagonospora blotch (*Stagonospora nodorum*)	12.0 (0.20)	
Use Limitations: Do not apply later than Feekes growth stage 10.54. Do not exceed 24.6 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days – forage, hay and grazing.		

CHRISTMAS TREES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Diplodia tip blight *(Diplodia pinea)* Lophodermium needlecast *(Lophodermium pinastri)* Swiss needlecast *(Phaeocrytopus gaumannii)*	6.0-t5.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 2t-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group t1 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products.		

CITRUS FRUIT, Crop Group 10-10

Australian Desert Lime; Australian Finger-Lime; Australian Round Lime; Brown River Finger Lime; Calamondin; Citron; Citrus Hybrids; Grapefruit; Japanese Summer Grapefruit; Kumquat; Lemon; Lime; Mediterranean Mandarin; Mount White Lime; New Guinea Wild Lime; Orange (sour and sweet); Pummelo; Russell River Lime; Satsuma Mandarin; Sweet Lime; Tachibana Orange; Tahiti Lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliate Orange; Uniq Fruit; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Albinism *(Alternaria alternata pv citri)* Alternaria leaf and fruit spot *(Alternaria citri)* Cercospora leaf spot *(Cercospora spp.)* Diplodia stem-end rot *(Diplodia natalensis)* Greasy spot *(Mycosphaerella citri)* Melanose *(Diaporthe citri)* Penicillium Decays Green mold, Whisker mold, Suppression of Blue mold *(Penicillium spp.)* Phomopsis stem-end rot *(Phomopsis citrii)* Post bloom fruit drop (PFD) *(Colletotrichum acutatum)* Powdery mildew *(Erysiphe spp.)* Scab *(Elsinoe fawcettii)* Sweet Orange Scab *(Elsinoe australis)*	12.0-15.5 (0.20-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Under conditions that favor severe disease epidemics, use the higher application rates. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use a horticultural spray oil to improve control of greasy spot. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) applications of this product or other Group 11 fungicide per season.
Black Spot *(Guidnardia citricarpa)*	9.0-15.5 (0.15-0.25)	
For Pummelo and Citrus Hybrid - Uniq fruit only **Soil Borne Diseases** Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.
Do not use this product in citrus plant propagation nurseries.

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Citrus Fruit Crop Group 1010 (Continued) **Post Harvest Applications:** Penicillium Decays Green mold, whisker mold, Suppression of blue mold (*Penicillium* spp.) Diplodia stem-end rot (*Diplodia natalensis*) Phomopsis stem-end rot (*Phomopsis citrii*)	**See Application Directions** column	Apply as a dip, drench, flood, or spray. High volume (dilute) applications: Mix 32-64 fl oz in 25-100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Use T-Jet, flooders, or similar application systems. Low volume (concentrate) applications: Mix 32-64 fl oz in 7-25 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion as appropriate for the crop being treated. Apply to 250,000 pounds of fruit. Use a controlled droplet type applicator or similar system. Dip applications: Mix 32-64 fl oz in 100 gallons of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Dip fruit for 30 seconds and allow to drain. For maximum decay control, treat citrus fruit once before storage and once after storage, just prior to marketing.
Use Limitations: Do not make more than 2 post harvest applications to citrus fruit. Do not store treated fruit in direct sunlight. This product may degrade when exposed to direct sunlight.		

CLOVER (and Stands Containing Clover)*

*** See Application Directions for Nongrass Animal Feeds (Forage, Fodder, Straw and Hay), Crop Group 18**

CORN

Field, Pop, Sweet (Including Seed Production)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Rust *(Puccinia sorghi)*	6.0-9.0 (0.10-0.15)	For gray leaf spot, apply this product at the onset of disease. A second application may be required 14 days later if disease pressure persists. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines, Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. For field corn and field corn grown for seed, do not make more than two (2) applications per season.
Anthracnose leaf blight *(Collefofrichum graminicola)* Eye spot *(Aureobasidium zeae)* Gray leaf spot *(Cercospora sorghi)* Northern corn leaf blight *(Sefosphaeria turcica)* Northern corn leaf spot *(Cochliobolus carbonum)* Southern corn leaf blight *(Cochliobolus* heterostrophus)	6.0-15.5 (0.10-0.25)	
Early Application (V4 – V8)	6.0 (0.10)	This product may be applied early (V4 – V8) for early season disease control and beneficial physiological benefits.
Soilborne Diseases Rhizoctonia root and stalk rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of this product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 7 Days.		

COTTON

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Glomerella gossypii*) Ascochyta Blight (*A. gossypii*) Boll Rot (*A. gossypii*) Cotton Rust (*Puccinia schedonnardi*) Hardlock (*Fusarium verticillioides*) Southwestern Cotton Rust (*Puccinia cacabata*)	6.0-9.0 (0.1-0.15)	For optimum disease control, begin applications prior to or in the early stages of disease development. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Minimum application volumes for air and ground are 5 and 10 gallons per acre, respectively. Target the first application at approximately pinhead square to first bloom to protect the plant from diseases. Make subsequent application(s) at 14- to 21-day intervals. An additional application may be made depending on environmental conditions and the health of the cotton plant. Under poor environmental conditions conducive to seedling disease and poor cotton growth, treat early season cotton to suppress damping-off and other diseases which result in plant stand loss. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than three (3) foliar applications of this product or other Group 11 fungicides per crop per acre per year.
Pythium seedling blight (*Pythium aphanidermatum*) Rhizoctonia seedling blight (*Rhizoctonia solani*)	**In-Furrow Application** 0.4-0.8 fl oz/1000 row ft (0.10-0.20 oz. a.i. per 1000 row ft)	Apply this product as an in-furrow spray in 3-7 gallons of water at planting. Mount the spray nozzle so the spray is directed into the furrow just before the seed are covered. Use the higher rate when the weather conditions are expected to favor disease development, if the field has a history of Pythium infections, or if minimum/low till programs are in place. Refer to the **SOILBORNE/SEEDLING DISEASE CONTROL** section for table illustrating total fluid ounces per acre with various row spacings.
Use Limitations: Do not exceed 27 fl oz of this product/Acre per season as a foliar spray. Pre-harvest Interval (PHI) = 45 Days.		

CRANBERRY

Low Growing Berry Subgroup 13-07H (except Strawberry)

Bearberry; Bilberry; Blueberry (lowbush); Cloudberry; Cranberry; Lingonberry; Muntries; Partridgeberry; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cottonball *(Monilinia oxycocci)* Fruit rots *(Physalospora vaccinii)* *(Glomerella cingulata)* *(Coleophoma empetri)* Lophodermium twig blight *(Lophodermium* spp.)	6.0-15.5 (0.10-0.25)	Begin applications at 5-10% bloom and repeat at 7- to 14-day intervals if conditions favor disease development. Apply by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fairy ring (suppression) (*Psilocybe* spp.)	15.5 (0.25)	Make the first application at bud break. Apply at a rate equivalent to 15.5 fl. oz/Acre in 30-100 gallons of water to the affected area (measure the ring diameter and add 10 feet to that diameter). Irrigation (1-2 hours) following application will help ensure penetration to the base of the plant. If needed, make another application 2-4 weeks later. For ground application, ensure adequate water volume for thorough canopy penetration.

Use Limitations:

Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 3-Days.
Do not treat cranberry fields used for aquaculture of fish and crustacea.
Do not apply to flooded crop.
Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.

CUCURBIT VEGETABLES, Crop Group 9

Cantaloupe; Chayote; Chinese-waxgourd; Cucumber; Gourds; Honeydew melon; *Momordica* spp. (bitter melon, balsam apple); Muskmelon; Watermelon; Pumpkin; Squash; Zucchini; varieties, cultivars and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum lagenarium*) Belly rot (*Rhizoctonia solani*) Downy mildew (*Pseudoperonospora cubensis*) Gummy stem blight (*Didymella bryoniae*) Leaf spots (*Alternaria* spp., *Cercospora* spp.) Myrothecium canker (*Myrothecium roridum*) Plectosporium blight (*Plectosporium tabacinum*) Powdery Mildew (*Sphaerotheca fuliginea*), (*Erysiphe cichoracearum*) Ulocladium Leaf Spot (*Ulocladium cucurbitae*)	6.0-15.5 (0.10-0.25)	For downy mildew and powdery mildew, make preventative applications at 5- to 7-day intervals. For belly rot control, make the first application at the 1-3 leaf crop stage with a second application just before vines tip over or 10-14 days later, whichever occurs first. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not tank mix this product with crop oil concentrates (COC), methylated spray oil (MSO) or silicon adjuvants. Do not tank mix this product with malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede® or Botran®. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 1 1 fungicides per crop per acre per year.
Soilborne diseases Rhizoctonia root rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 1 Day.

FRUITING VEGETABLES, Crop Group 8-10 *

African Eggplant; Bush Tomato; Bell Pepper; Cocona; Currant Tomato; Eggplant; Garden Huckleberry; Goji Berry; Groundcherry; Martynia; Naranjilla; Okra; Pea Eggplant; Pepino; Pepper, Bell; Pepper, Nonbell; Roselle; Scarlet Eggplant; Sunberry; Tomatillo; Tomato; Tree Tomato; cultivars, varieties, and/or hybrids of these

Also refer to crop specific Application Directions for tomatoes

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Powdery Mildew (*Sphaerotheca* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne diseases Rhizoctonia seedling rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 61.5 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.0 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

GRAPE and Other SMALL FRUIT VINE CLIMBING Subgroup 13-07F (except Fuzzy Kiwifruit)

Amur river grape; gooseberry; grape; kiwifruit (hardy); maypop; muscadines; schisandra berry; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black rot *(Guignardia bidwellii)* Downy mildew *(Plasmopara viticola)* Phomopsis cane and leaf spot *(Phomopsis viticola)* Powdery mildew *(Uncinula necator)* **Suppression Only:** Botrytis bunch rot *(Botrytis cinerea)*	10.0-15.5 (0.16-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** This product is extremely phytotoxic to certain apple varieties. AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit). DO NOT spray this product where spray drift may reach apple trees, DO NOT spray apple trees with spray equipment previously used to apply this product. Even trace amounts of product may cause unacceptable phytotoxicity to certain apple and crabapple varieties. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14-Days.		

GRASSES (Grown for Seed)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Ergot Stem Diseases Powdery mildew *(Erysiphe graminis)* Rust *(Puccinia* spp.)	6.0-15.5 (0. t0-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing products. Do not feed treated straw, seed, or screenings to livestock. Pre-harvest Interval (PHI) = 8 Days.		

HERBS & SPICES (Except Black Pepper), Crop Group 19

Allspice; Angelica; Anise (seed); Anise (star); Annatto (seed); Balm; Basil; Borage; Burnet; Camomile; Caper (buds); caraway; Caraway (black); cardamom; Cassia Bark; Cassia Buds; Catnip; Celery Seed; Chervil (dried); Chinese Chive; Chive; Cinnamon; Clary; Clove Buds; Corainder Leaf (cilantro or Chinese parsley); coriander Seed (cilantro); Costmary; Cilantro (leaf); Culantro (seed); Cumin; Curry (leaf); Dill (dillweed); Dill (seed); Fennel (common); Florence Fennel (seed); Fenugreek; Grains of Paradise; Horehound; Hyssop; Juniper Berry; Lavender; Lemongrass; Lovage (leaf); Lovage (seed); Mace; Marigold; Marjoram; Mustard (seed); Nasturtium; Nutmeg; Parsley (dried); Pennyroyal; Pepper (black and white); Poppy (seed); Rosemary; Rue; Saffron; Sage; Savory (summer and winter); Sweet Bay; Tansy; Tarragon; Thyme; Vanilla; Wasabi, Wintergreen; Woodruff; Wormwood

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Corynespora blight (*Corynespora cassiicola)* Dill blight (*Cercosporidiurn punctum)* Phoma blight (*Passalora puncta)*	6.0-15.5 (0.10-0.25)	Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines, Apply by ground only. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Fusarium Rhizome and Root Rot (*Pythium* spp.)	6:2-15.4 (0.10-0.25)	**For Wasabi only**: Begin applications at the onset of disease development and continue throughout the season at 7-day intervals following the resistance management guidelines, Apply by ground or chemigation. An adjuvant may be added at label specified rates. Use a minimum of 30 gallons of water per acre. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 0 Day.		

LEAFY VEGETABLES (Except Brassica)

Amaranth, Arugula, Cardoon, Celery, Celtuce, Chervil, Chrysanthemum (edible), Coriander leaves (Cilantro), Corn salad, Cress, Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane, Radicchio, Rhubarb, Spinach, Swiss Chard, Cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria sonchi, A. spp.)* Anthracnose *(Microdochium panattonianum, Colletotrichum dematium)* Cercospora leaf spot *(Cercospora spp.)* Septoria leaf spot *(Septoria petroselini)* White rust *(Albugo occidentalis)*	6.0-15.5 (0.10-0.25)	For downy and powdery mildew, make preventative applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **ATTENTION** Applications of this product to leafy vegetable foliage may contribute to foliar phytotoxicity under certain circumstances. Proceed with caution with regard to tank mixes and adjuvants when treating any leafy vegetable crops with this product. When treating leaf lettuce, do not tank mix this productd with AMBUSH® WP, Pounce® WP, Aliette®, Warrior® with Zeon ™ Technology, or any other product that may increase the penetration of this product into the leaf surface such as, but not limited to, silicone wetters.
Downy mildew *(Bremia lactucae)* Powdery mildew *(Erysiphe cichoracearum)*	12.0-15.5 (0.20-0.25)	
Soilborne Diseases Web blight, Bottom rot, Crater rot, Root rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/ 1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of this product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products.
Pre-harvest Interval (PHI) = 0 Day.

LEGUME VEGETABLES, DRY AND SUCCULENT
and
LEGUME VEGETABLES, FOLIAGE OF ANY CULTIVAR OF BEAN (*Phaseolus* spp.) & FIELD PEA (*Pisum* spp.)

Bean *(Lupinus* spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin)
Bean *(Phaseolus* spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)
Bean *(Vigna* spp.) (includes adzuki bean, asparagus bean, blackeyed pea, cowpea, catjang, Chinese longbean, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)
Bean (Glycine max) (Soybean, Immature Seed (edamame))**
Broad bean (fava bean) *(Vicia faba)*
Chickpea (garbanzo bean), *(Cicer arietinum)*
Guar *(Cyamopsis tetragonoloba)*
Jackbean *(Canavalia ensiformis)*
Lablab bean (hyacinth bean) *(Lablab purpureus)*
Lentil *(Lens esculenta)*
Pea *(Pisum* spp.) (includes dwarf pea, edible-pod pea, English pea, garden pea, green pea, field pea, snow pea, sugar snap pea)
Pigeon pea *(Cajanus cajan)*
Sword bean *(Canavalia gladiata)*

****For use on soybeans, refer to the crop specific application directions for soybeans**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Bean rust *(Uromyces appendiculatus*	6.0 (0.10)	Begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For rust, use of a non-ionic surfactant is recommended. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Alternaria blight *(Alternaria* spp.) Alternaria leaf spot *(Alternaria alternata*) Anthracnose *(Colletotrichum lindemuthianum*) Ascochyta blight *(Mycosphaerella pinodes*) Ascochyta leaf and pod spot *(Ascochyta* spp.) Ascochyta leaf spot *(Ascochyta phaseolorum*) Rust *(Phakopsora* spp.) Southern blight *(Sclerotium rolfsii*) Web blight *(Rhizoctonia solani)*	6.0-15.5 (0.10-0.25)	
Soil Borne Diseases Rhizoctonia root rot *(Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. This product may be applied to the furrow and covering soil at planting time in a 7-inch band. Avoid a concentrated stream directly on the seed or delayed emergence may occur. If using a narrow spray as an in-furrow spray, direct the spray stream to the soil next to the seed but not directly on the seed. **Note:** Conduct a seed safety test with your crop before making in-furrow applications.

Use Limitations: Do not exceed 92.3 fl oz of this product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI): Dry bean and dry pea seeds - PHI = 14-Days Succulent beans and peas - PHI = 0 Day For use on soybeans, please refer to the soybean crop directions for use.

MINT
Fresh or for Processing into Mint Oil

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Powdery mildew *(Erysiphe spp.)* Rust *(Puccinia menthae)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 46 fl oz of this product/Acre per season. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI): Fresh mint - PHI = 0-Day Processed mint – PHI = 7 Days		

NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY), Crop Group 18

For pure/mixed stands of the following or stands mixed with grasses: Alfalfa; Bean (velvet); Clover (*Trifolium* spp., *Melilotus* spp.); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Vetch (crown); Vetch (milk)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot (*Alternaria* spp.) Cercospora leaf spot (*Cercospora* spp.) Downy mildew (*Peronospora* spp.) Powdery mildew (*Oidium* spp.), (*Erysiphe* spp.) Rust (Phakopsora spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season. Use the higher rates under severe disease pressure. Apply by ground, air, or chemigation. Use of an additive such as crop oil concentrate or non-ionic surfactant is recommended. For management of outbreaks of Asian soybean rust and other Puccinia species on alternate host species such as kudzu, lespedeza, trefoil, and vetch, apply this product to forages grown in the vicinity of soybeans and other legume crops (beans and peas) as a part of an Asian rust disease management strategy. Consult with local experts and university extension agents for the latest advice. Do not make more than two (2) sequential applications of this product or other Group 1 t fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 15.5 fl oz of this product (0.25 lb a.i.) per acre per cutting. Do not exceed the equivalent of 0.75 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days for grazing and harvest of forage and hay Do not use on rangeland.		

OILSEED CROPS, Crop Group 20

Borage; Calendula; Castor Oil Plant; Chinese Tallowtree; Cottonseed; Crambe; Cuphea; Echium; Euphorbia; Evening Primrose; Flax Seed; Gold Of Pleasure; Hare's Ear Mustard; Jojoba; Lesquerella; Lunaria; Meadowfoam; Milkweed; Mustard Seed; Niger Seed; Oil Radish; Poppy Seed; Rapeseed; Rose Hip; Safflower; Sesame; Stokes Aster; Sunflower; Sweet Rocket; Tallowwood; Tea Oil Plant; Vernonia; Cultivars, Varieties, and/or Hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf spot (*Alternaria* spp.) Downy mildew (*Plasmopora halstedii, Plasmopora helianthi*) Pasmo (*Septoria linicola garass*) Sunflower Rust (*Puccinia helianthi*)	6.0-15.5 (0.10-0.25)	Apply 6.0 fl oz of this product at early bud followed by 14.0 fl oz about 45 days before harvest. Make a third application of 7.0 fl oz 30 days before harvest. Apply by ground, air, or chemigation. Use a minimum of 10 gallons of water per acre for ground applications. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 27 fl oz of product/Acre per season. Do not exceed the equivalent of 0.45 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 30 Days.		

PEANUT

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Soil-borne diseases – early season (in-furrow application) Aspergillus crown rot *(Aspergillus niger)* Pythium damping-off *(Pythium spp.)* Stem rot / White mold suppression *(Sclerotium rolfsii)*	0.4-0.8 fl oz/1000 row ft	Apply this product in-furrow at planting for control of various seed/seedling diseases including early season suppression of stem rot. See directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Soil-borne diseases – mid-late season Rhizoctonia peg and pod rot *(Rhizoctonia solani)* Stem rot / White mold *(Sclerotium rolfsii)* **Suppression only:** Cylindrocladium black rot *(Cylindrocladium crofalariae)* Pythium pod rot *(Pythium myriolylum)*	12.0-24.5 (0.20-0.40)	Apply this product as a foliar spray approximately 60 and 90 days after planting. Make both applications earlier in the season if environmental conditions favor disease development. These applications will provide protection against soil borne diseases as well as control of listed foliar diseases for a 10-to 14-day period after each spray. Under heavy disease pressure and/or where there is high rainfall and/or irrigation, use 18.5-24.5 fl oz/Acre. For light disease pressure and dry environmental conditions (non-irrigated, low rainfall), use 12.0-24.5 fl oz/Acre. For control of Pythium, a rate of 24.5 fl oz/Acre is required. Follow with applications of other fungicides at 10- to 14-day intervals to provide season-long control of leaf spot diseases. Apply by ground, air, or chemigation, An adjuvant may be added at label specified rates.
Foliar diseases Early leaf spot *(Cercospora arachidicola)* Late leaf spot *(Cercosporidium personalum)* Rust *(Puccinia arachidis)* Web blotch *(Phoma arachidicola)*	6.0-18.5 (0.10-0.30)	For foliar disease control only, treat at a reduced rate of 6.0 to 18.6 fl oz/Acre at 10- to 14-day intervals. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 49 fl oz of product/Acre per season. Do not exceed the equivalent of 0.80 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

PECANS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Glomerella cingulafa)* Scab *(Cladosporium caryigenum)*	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

PISTACHIOS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria late blight *(Allernaria allernafa)* Botryosphaeria panicle and shoot blight *(Bofryosphaeria dofhidea)* Septoria leaf spot *(Sepforia pisfaciarum)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 21-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

POTATOES

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Black dot (*Colletotrichum coccodes*) Early Blight (*Alternata solani*) Late Blight (*Phytophthora infestans*) Powdery mildew (*Erysiphe cichoracearum*)	6.0-20.0 (0.10-0.33)	Early blight • Apply 6.2 fl oz product/Acre and repeat at 7-day intervals. **OR** • Apply 12.0 fl oz product/Acre and repeat at 14-day intervals. Late blight - Apply 12.0 fl oz product/Acre and repeat at 7-day intervals. Initiate late blight applications as a preventive treatment according to local practices. If late blight symptoms appear or conditions favor disease development, switch immediately to a non-Group 11 fungicides and repeat applications at 5-day intervals. Adding a spreader/sticker to the spray mixture may improve coverage. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Use the high rate and the shorter interval if disease epidemics are severe. Apply by ground, air, or chemigation. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Black dot (*Colletotrichum coccodes*) Black scurf (*Rhizoctonia solani*) Silver scurf (*Helminthosporium solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Days.		

RICE

Target Disease	Use Rate fl oz product/A (lb a.i./A)	Application Directions
Sheath/Stem Diseases Sheath Blight *(Rhizoctonia solani)*	6.0-18.5 (0.10-0.30)	Apply this product by ground, air, or chemigation prior to disease development. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For sheath blight control, application rates may vary from 9.0 to 12.0 fl oz/A depending on the growth stage of the rice and the severity of the disease. For other stem/sheath diseases including aggregate sheath spot, black sheath rot, sheath spot, and stem rot, apply when disease is less than 4 inches above water line, usually between panicle differentiation (PD) +5 days to (PD) +10 days, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application. For foliar and panicle diseases, apply this product prior to disease development. For blast control, apply as a preventive treatment before favorable conditions for blast development. For panicle blast, make the first application at mid-boot to boot-split but prior to full head emergence. Make a second application when panicles are approximately 60-90% emerged from the boot (7-14 days later). For panicle blast on continuous rice acreage (no rotation to other crops), no more than two (2) sequential foliar applications of this product or other Group 11 fungicides should be made over multiple years before alternating with a fungicide that has a different mode of action. Do not make more than two (2) foliar applications of this product or other Group 11 fungicides per acre per season.
Aggregate Sheath Spot *(Cerafobasidium oryzae-sativae = Rhizoctonia oryzae-sativae)* Black Sheath Rot *(Gaeumannomyces graminis var. graminis)* Sheath Spot *(Rhizoctonia oryzae)* Stem Rot *(Magnaporthe salvinii = Sclerotium oryzae = Nakafeae sigmoidea)*	9.0-18.5 (0.15-0.30)	
Foliar Diseases Brown leaf spot *(Cochliobolus miyabeanus)* Leaf smut *(Entyloma oryzae)* Narrow brown leaf spot *(Cercospora janseana = Cercospora oryzae)*		
Panicle Diseases Kernel smut *(Tilletia barclayana = Neovossia barclayana)* Panicle blast *(Pyricularia grisea)*		

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

ROOT VEGETABLES Subgroup 1A
and
LEAVES OF ROOT AND TUBER VEGETABLES, Crop Group 2

Beet (garden and sugar) [1,2]; **burdock (edible)** [1,2]; **carrot** [1,2]; **cassava (bitter and sweet)** [1]; **celeriac (celery root)** [1,2]; **chervil (turnip-rooted)** [1,2]; **chicory** [1,2]; **dasheen (taro)** [1]; **ginseng** [2]; **horseradish** [2]; **parsley (turnip-rooted)** [2]; **parsnip** [1,2]; **radish** [1,2]; **radish (oriental (daikon))** [1,2]; **rutabaga** [1,2]; **salsify** [2]; **salsify (black)** [1,2]; **salsify (Spanish)** [2]; **skirret** [2]; **sweet potato** [1]; **tanier** [1]; **turnip** [1,2]; **yam (true)** [1]

[1] Leaves of root and tuber vegetables, crop group 2

[2] Root vegetables subgroup 1A

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces betae, Puccinia helianthi)* White rust *(Albugo tragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5- to 7-day intervals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora betae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveilluta taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular Spot, Southern blight *(Sclerotium rolfsii)* Pythium root rot *(Pythium aphanidermatum)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section. For sugar beets, make 3-7 inch banded applications in a minimum of 10 gallons per acre at the 2- to 8-leaf stage. Do not apply as a dribble application over the seed row. Tank mixtures of this product with crop oil concentrates (COC) or methylated spray oil (MSO) may result in crop injury. Do not apply in-furrow if cool soil conditions are expected after planting which could result in an extended period of plant emergence. If using this product at planting, do not use a starter fertilizer with it.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Minimum application volume for in-furrow sprays: 10 GPA. Pre-harvest Interval (PHI) = 0 Day.		

SORGHUM

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Collefotrichum graminicola)* Gray leaf spot *(Cercospora sorghi)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are favorable for severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Aagricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Damping-off *(Rhizoctonia solani,* *Pylhium aphanadermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: For grain and stover, do not exceed 46 fl oz of this product/Acre/season or the equivalent of 0.75 lb a.i./Acre/season from any azoxystrobin-containing products. For forage, do not exceed 31 fl oz of this product/Acre per season or the equivalent of 0.5 lb a.i./Acre per season from any azoxystrobin-containing products. Pre-harvest Interval (PHI) = 14 Days.		

SOYBEAN, IMMATURE SEED (Edamame)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Aerial blight *(Rhizoctonia solani)* Alternaria leaf spot *(Alternaria spp.)* Anthracnose *(Colletotrichum truncatum)* Brown spot *(Septoria glycines)* Cercospora blight and leaf spot *(Cercospora kikuchii)* Frogeye leaf spot *(Cercospora sojina)* Pod and stem blight *(Diaporthe phaseolorum)* Rust *(Phakopsora spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development. Use the high rates when conditions are conducive to severe disease pressure, for dense plant canopies, or when susceptible varieties are planted. Contact Agricultural Extension personnel for local economic thresholds and timings for specific diseases in your area. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Use of a crop oil concentrate or non-ionic surfactant with the lower use rate is recommended. Soybean rust: Use this product at 4.0 fl oz/Acre when tank mixed with a triazole fungicide registered for use on soybean. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Rhizoctonia solani *(Rhizoctonia solani)* Southern blight *(Sclerotium rolfsii)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.

Use Limitations:
Do not exceed 92.3 fl oz of product/Acre per season.
Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product.
Do not make more than one application at 15.5 fl oz (0.25 lb a.i.) of product/Acre to soybean forage and hay.
Pre-harvest Interval (PHI):
Soybean (bean) - PHI = 14 Days
Soybean forage and hay – PHI = 0 Day.

STONE FRUIT

Apricot, Cherry (sweet, tart), Nectarine, Peach, Plum, Plumcot, Prune

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria spot and Fruit rot (*Alternaria alternata*) Anthracnose (*Colletotrichum prunicola, C. gloeosporioides*) Leaf rust (*Tranzschelia discolor*) Powdery mildew (*Sphaerotheca pannosa, Podosphaera clandestine*) Scab (*Cladosporium carpophilum*) Shot Hole (*Wilsonomyces carpophilus*)	6.0-15.5 (0.10-0.25)	For scab control, begin applications at petal fall and continue at 7- to 14-day intervals. For peaches only, apply 9.0-15.5 fl oz of this product. For brown rot blossom blight, begin applications at early bloom and continue through petal fall. For brown rot on fruit, apply this product to fruit up to the day of harvest.. For all other diseases, begin applications at the onset of disease as a protectant fungicide and continue at 7- to 14-day intervals. Apply this product by ground, air, or chemigation. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Brown rot blossom blight and Fruit rot (*Monilinia fructicola, M. laxa*)	12.0-15.5 (0.20-0.25)	
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 0 Day.		

SUGARCANE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Rust (*Puccinia , melanocephela*) Orange Rust (*Puccinia kuehnii*)	9.0-12.0 (0.15-0.20)	Begin applications prior to rust development and continue throughout the season at t4- to 28 –day intervals following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For ground applications, apply in sufficient water volume for adequate coverage and canopy penetration. Do not make more than two (2) sequential applications of this product or other Group 1 t fungicides before alternating with a fungicide that has a different mode of action. Do not make more than four (4) foliar applications of this product or other Group 11 fungicides per acre per year.
Use Limitations: Do not exceed 49 fl oz of product/Acre per season. Do not exceed the equivalent of 0.8 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 30 Days. For aerial application, the minimum application volume is 5 GPA.		

TOBACCO

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Blue mold *(Peronospora fabacina)* Frogeye leaf spot *(Cercospora nicotianae)* Target spot *(Rhizoctonia solani)*	6.0-12.0 (0.1-0.2)	Begin applications prior to disease development or at first indication that blue mold is in the area. Do not apply this product as a curative treatment. Apply at 7- to 14-day intervals. Use the shorter intervals when conditions are conducive to disease development. Apply by ground, air, or chemigation. For ground applications, use sufficient water volume for adequate coverage and canopy penetration. For aerial applications, apply in volumes of 10-15 GPA. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. **NOTE:** This product may enhance weather flecking on the leaves of certain tobacco types. This does not affect yield and quality.

Use Limitations:
Do not exceed 32 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.52 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 0 Day.
Do not apply on greenhouse seedlings.
Do not tank mix with Thiodan.
Tank mixing this product with insecticides formulated as emulsifiable concentrates (EC) or containing high amounts of solvents may cause some crop injury.

TOMATO and TOMATILLO
FRUITING VEGETABLE Subgroup 8-10A

Bush tomato; cocona; currant tomato; garden huckleberry; goji berry; groundcherry; naranjilla; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose *(Collefotrichum coccodes)* Black mold *(Alfernaria alfernafa)* Buckeye rot *(Phytophthora* spp.) Early blight *(Alfernaria solani)* Powdery Mildew *(Oidiopsis sicula)* Septoria Leaf Spot *(Septoria lycopersici)* Target spot *(Corynespora cassiicola)*	5.0-6.2 (0.08-0.10)	Begin applications prior to disease development and continue throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. For late blight, apply this product at 5- to 7- day intervals. For all other tomato diseases, make applications at 7- to 21-day intervals. Use of adjuvants may result in severe phytotoxicity. Do not exceed 0.125% adjuvant (v/v). Thank mixtures with dimethoate may cause phytotoxicity. For fresh market tomatoes, do not use adjuvants or tank mix this product with other pesticides formulated as emulsifiable concentrates (EC). Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Late Blight *(Phytophthora infestans)*	6.2 (0.10)	

Use Limitations:
Do not exceed 37 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.6 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest interval (PHI) = 0 Day.

TREE NUTS **

Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Walnut

**** See also crop specific application directions for almonds and pistachios**

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Alternaria leaf and fruit spot *(Alternaria alternata)* Anthracnose *(Colletotrichum aculatum, Glomerella cingulata)* Blossom Blight *(Monilinia laxa, M. fructicola)* Eastern filbert blight *(Anisogramma anomale)* Late blight *(Alternaria alternata)* Scab *(Cladosporium carpophilum)* Septoria leaf spot *(Septoria pistaciarum)* Shothole *(Wilsonomyces carpophilus)*	6.0-12.0 (0.10-0.20)	Begin applications prior to disease development and continue at 7- to 21-day intervals throughout the season following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. For blossom blight, begin applications at early bloom and continue through petal fall. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 73.8 fl oz of product/Acre per season. Do not exceed the equivalent of 1.2 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 45 Days.		

TROPICAL FRUIT

Acerola, Atemoya, Avocado, Biriba, Canistel, Cherimoya , Custard apple, Dragon Fruit, Feijoa, Guava, Ilama, Jaboticaba, Jackfruit, Longan, Loquat, Lychee, Mango, Papaya, Passionfruit, Pawpaw, Persimmon, Pulasan, Rambutan, Sapodilla, Sapote (black, mamey, white), Soursop, Star apple, Starfruit, Sugar apple, Spanish lime, Tamarind

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Anthracnose (*Colletotrichum* spp.) Cercospora leaf spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe* spp.) Rust (*Puccinia* spp.)	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 10- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Follow the resistance management guidelines in the Resistance Management section. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Soilborne Diseases Seedling root rot, Basal stem rot (*Rhizoctonia solani*)	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 92.3 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 0 Day.		

TUBEROUS AND CORM VEGETABLES Subgroup 1C

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna, Cassava (edible, bitter, sweet), Chayote (root), Chufa, Dasheen (Taro), Ginger, Leren, Potato, Sweet Potato, Tanier, Turmeric, Yam (bean, true)

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Foliar Diseases Alternaria leaf spot *(Alternaria spp., A. alternata)* Ascochyta leaf spot *(Ascochyta cynarae)* Rust *(Uromyces betae, Puccinia helianthi)* White rust *(Albugo fragopogonis)*	6.0-20.0 (0.10-0.33)	For powdery mildew, make preventive applications at 5-7 day interevals. For all other diseases, begin applications prior to disease development and continue throughout the season at 7- to 14-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than one application of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Cercospora leaf spot *(Cercospora betae, C. pastinaceae)* Powdery mildew *(Erysiphe polygoni, Leveillula taurica)*	9.0-15.5 (0.15-0.25)	
Soilborne Diseases Circular spot, Southern blight *(Sclerotium rolfsii)* Rhizoctonia stem canker, Crown rot *(Rhizoctonia solani)* Pythium root rot *(Pythium aphanidermatum)*	0.4-0.8 fl oz/1000 row ft	For soilborne/seedling disease control, see directions and rates under **SOILBORNE/SEEDLING DISEASE CONTROL** section.
Use Limitations: Do not exceed 123 fl oz of product/Acre per season. Do not exceed the equivalent of 2.0 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 14 Day.		
Post Harvest Applications: Silver Scurf *(Helminthosporium solani)* Fusarium Dry Rot *(Fusarium spp.)* Late Blight *(Phytophthora infestans)* Pink Rot *(Phytophthora erythroseptica)*	0.6 fl oz/ ton of tubers	In-Line Aqueous Spray Application: ♦ Ensure proper coverage of the tubers. Tubers should be tumbling as they are treated. ♦ Mix the fungicide solution in an appropriate amount of water for the crop being treated. ♦ Use T-jet, CDA, or similar application system.
Use Limitations: Do not make more than one post-harvest application to the tubers. Do not use on seed potatoes or seed pieces. Ensure the spray solution remains in suspension by using agitation		

WATERCRESS

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Cercospora leaf spot *(Cercospora spp.)*	6.0-15.5 (0.10-0.25)	Begin applications prior to disease development and continue throughout the season at 7- to 10-day intervals following the resistance management guidelines. Apply by ground, air, or chemigation. An adjuvant may be added at label specified rates. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action.
Use Limitations: Do not exceed 93.2 fl oz of product/Acre per season. Do not exceed the equivalent of 1.5 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI) = 7 Days.		

WHEAT, TRITICALE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Leaf Rust *(Puccinia triticina = recondita f.sp. tritici)* Septoria leaf and Glume blotch *(Septoria tritici, Septoria nodorum)* Stem Rust *(Puccinia graminis)* Stripe Rust *(Puccinia striiformis)* Tan Spot *(Pyrenophora tritici-repentis)*	4.0-12.0 (0.07-0.20)	Apply this product prior to disease development. Apply by ground, air, or chemigation. A crop oil concentrate adjuvant may be added at 1.0% v/v to optimize efficacy. Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicide per season.
Powdery Mildew *(Erysiphe graminis)*	7.5-11.0 (0.125-0.175)	
Use Limitations: Do not apply after Feekes 10.54. Do not exceed 24.6 fl oz of product/Acre per season. Do not exceed the equivalent of 0.40 lb a.i./Acre per season from any azoxystrobin-containing product. Pre-harvest Interval (PHI): Forage and hay – PHI = 7 Days; Grazing – PHI = 14 Days.		

WILD RICE

Target Disease	Use Rate fl oz product/A (lb a.i/A)	Application Directions
Brown Spot (*Bipolaris oryzae or Bipolaris sorokiana*) Also known as *Helminthosporium oryzae* and *H. salivum* Stem Rot (*Nakataea sigmoidea*)	12.5-15.5 (0.20-0.250)	Apply this product prior to disease development. Apply by ground, air, or chemigation. For aerial application, use volumes of 5-10 GPA. An adjuvant may be added at label specified rates. For foliar diseases, apply this product prior to disease development. Apply during tillering, boot, early heading, or at initial sign of disease. Under heavy disease pressure and conditions favorable for disease development, make a second application Do not make more than two (2) sequential applications of this product or other Group 11 fungicides before alternating with a fungicide that has a different mode of action. Do not make more than two (2) applications of this product or other Group 11 fungicides per season.

Use Limitations:
Do not treat rice fields used for aquaculture of fish and crustaceans.
Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
Do not exceed 43 fl oz of product/Acre per season.
Do not exceed the equivalent of 0.70 lb a.i./Acre per season from any azoxystrobin-containing product.
Pre-harvest Interval (PHI) = 28 Days.
Do not allow release of irrigation or flood water for at least 14 days after the last application.

RATE CONVERSION CHART

Fluid Ounces Product/Acre	Pounds a.i./Acre	Treated Acres/Gallon Product
4.0	0.07	32.0
5.0	0.08	25.6
5.5	0.09	23.2
6.0	0.10	21.3
6.2	0.10	21.3
7.0	0.11	18.3
8.5	0.14	15.4
9.0	0.15	14.2
9.2	0.15	14.2
10.0	0.16	13.0
11.0	0.18	11.6
12.0	0.20	10.4
12.3	0.20	10.4
13.0	0.21	9.8
14.0	0.23	9.1
15.4	0.25	8.3
15.5	0.25	8.3
18.3	0.30	6.9
18.5	0.30	6.9
20.0	0.33	6.4
20.3	0.33	6.4
24.5	0.40	5.2

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] **"NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container handling instructions below that apply to your container type/size."

[Nonrefillable Containers 5 Gallons or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for t0 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable containers larger than 5 gallons]

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Refillable containers larger than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about t0% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product and return it unopened to the Seller, and the purchase price will be refunded.

(RV051013)

LABEL HISTORY

NOT TO BE PART OF THE PRINTED LABEL
For Regulatory Use Only

File Name	Revision Mark	Comment
000228-00XXX.20130510.NUP-08099_New EP	RV051013	Application for registration of a new end-use product – PRIA Action Category R300.